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Scott's SEEDS

MAIL and TELEPHONE ORDERS. Telephone: ATLantic 2022



Plant a Victory Garden!

ESTABLISHED
1876

The I. W. SCOTT COMPANY

500 LIBERTY AVE. • 113 DIAMOND ST. • PITTSBURGH 22, PA.

1944

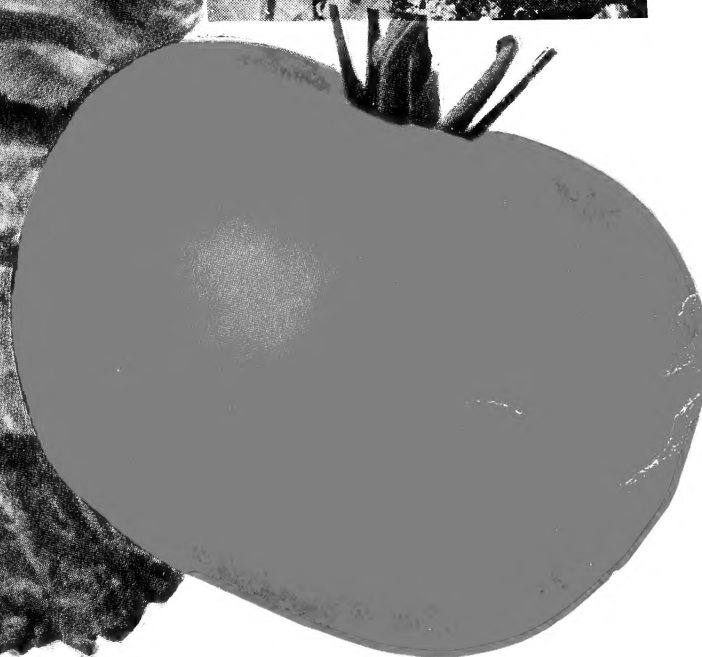
NOTICE TO CUSTOMERS.—No price for any article listed or described herein exceeds the ceiling price for that article as determined under the applicable maximum price regulation issued by the Office of Price Administration. As required by that Office, we will, upon request, furnish you with a statement of our maximum prices on any of the commodities listed about which you inquire.

THE I. W. SCOTT CO.

4 Vitamin-Packed Vegetables

CARROT, Danvers
Half-Long. Pkt. 10
cts., oz. 35 cts.

CORN, Golden
Giant. $\frac{1}{2}$ pt. 25
cts., pt. 45 cts., qt.
75 cts.



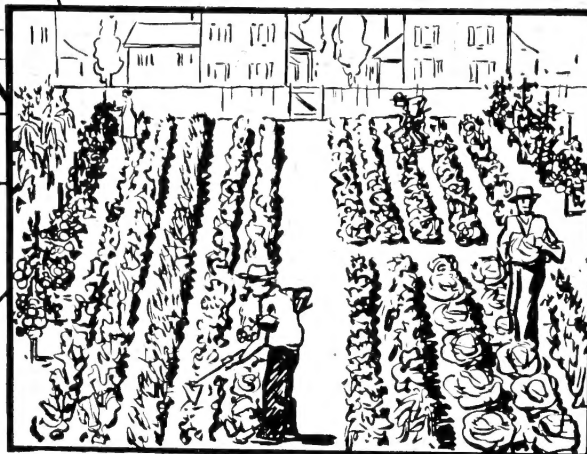
LETTUCE, New York or
Wonderful. Pkt. 10 cts., oz. 45 cts.

TOMATO, Rutgers. Pkt. 10 cts.
 $\frac{1}{2}$ oz. 30 cts.



**FOOD WILL HELP
WIN THE WAR**

To Our Friends and Customers:



IN PRESENTING our 1944 Catalogue, we want to thank our friends and customers for their confidence in us and for their kind consideration during the past year. Many who had never before planted a garden joined the ranks of Victory Gardeners, and the demands they made upon us for seeds and supplies taxed our ability to supply their needs.

For the coming year, we feel we will have an ample supply of seeds to meet all your requirements, but we urge you to *place your order early*. You are assured of getting your selection of varieties while our stocks are complete. Early ordering will also reduce to a minimum the congestion that comes in the months of April and May. The coöperation of our customers in this respect will be appreciated.

We carry in stock many items that are not shown in this Catalogue, for the reason that the available supply is not nearly sufficient to meet the demand. If you do not find listed the item you want, please come to the store or get in touch with us. We may have it. The supply of some essential products is possibly a little easier than last year.

We wish all of you success in your operations during the year, and if we can help you with any of your problems, please feel free to call on us.

January 10, 1944.

Faithfully yours,
THE I. W. SCOTT COMPANY

GENERAL INFORMATION AND SUGGESTIONS

FREE DELIVERY

At prices named in this Catalogue, on Vegetable Seeds, Flower Seeds, Grass Seeds, and Bulbs, *We Deliver Free* anywhere in the United States.

On other goods where the order amounts to \$2 or more (except where priced otherwise), *We Deliver Free* in Pennsylvania, Ohio, and West Virginia. Customer pays transportation charges on orders less than \$2.

Free deliveries are made at our option by truck, or by mail, express, or freight to your nearest post office, express office, or freight station.

PARCEL POST SHIPMENTS

Where the Catalogue provides that postage be added to the remittance, include for postage as follows:

Less than 1-lb. package.....	\$0 08	20-lb. package.....	\$0 30
1-lb. package.....	10	25-lb. package.....	37
2-lb. package.....	11	50-lb. package.....	65
3-lb. package.....	12	Less than 1-pt. package.....	08
4-lb. package.....	13	1-pt. package.....	10
5-lb. package.....	14	1-qt. package.....	15
10-lb. package.....	19	½-gal. package.....	20
15-lb. package.....	25	1-gal. package.....	25

C. O. D.

We will accept orders for shipment C.O.D. except on nursery stock, roses, strawberry plants, or other perishable goods.

ORDER IN ADVANCE

We cannot urge too strongly the necessity of anticipating your requirements as far in advance as possible. The coöperation of our customers in this respect will be appreciated.

PRICE CHANGES

All prices printed in this Catalogue conform to O. P. A. price regulations. However, prices are still subject to change without notice. Should the price of any commodity be reduced, the difference in price will be refunded, or in case of advance, the customer will be notified before shipping.

QUANTITY RATES ON VEGETABLE SEEDS

Half-bushels will be furnished at bushel rates; half-pecks at the peck rate; and half-pounds at the pound rate.

TERMS

Our terms are cash and prices are net, with no discounts. To persons and firms with established credit we are glad to extend the convenience of a charge account. Usual credit references are required.

MAIL AND TELEPHONE ORDERS

We are organized to give mail and telephone orders the same personal attention as orders placed in our store. If it is not convenient to come to the store we will appreciate your order either by mail or telephone.

REMITTANCES

These should be sent by money order, registered letter, bank draft, or check. Amounts less than \$1 may be sent in postage stamps.

NON-WARRANTY

The I. W. Scott Company gives no warranty, express or implied as to the productiveness of any seeds or bulbs it sells and will no be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.



Plant a Victory Garden

FROM all reports, the 1943 Victory Garden program was a great success, with many families enjoying fresh vegetables from their gardens all summer and canning the surplus for winter use. The year 1944 will see a greater need for home-gardens as America continues to feed her armies and her allies. This year every family with ground available should have its own vegetable garden. Pleasant outdoor exercise and recreation will be a by-product of the garden, and the tasty, vitamin-filled vegetables will be a welcome addition to the table.

Plan your garden carefully, and, above all, take care of it after you start it. We have tried to furnish simple cultural directions in this Catalog, but if you have any special problems, we shall be glad to help you.

You can depend on Scott's seeds for results. They are fresh, full of vitality, and will give you a garden to be proud of. Your small packet of seed comes from the same container that fills the pound, peck, and bushel orders from the large-scale growers whose living depends on their crops. Quality has always been our first consideration.

Scott's Vegetable Seeds

ASPARAGUS

Equally good results may be secured by planting seed or roots; seed is cheaper but from one to two years' time is saved by starting with roots.

Sow seed early in the spring, in shallow drills 12 to 15 inches apart, and when the plants are 4 inches high, thin out to 3 inches apart; transplant to the permanent bed the following spring.

An Asparagus bed should be deeply dug and plenty of manure worked in. Set the plants so that the crown is about 3 inches below the bed-level, in rows at least 3 feet apart and 1½ to 2 feet apart in the row. Barely cover at first, filling in as the plants grow. Do not cut the first year.

*Three ounces of seed will sow a 100-foot row;
15 pounds will sow an acre*

Martha Washington. Produces abundant crops of large, tender stalks and is practically immune from "rust" and other Asparagus diseases. A little earlier than Mary Washington. Seed, pkt. 10 cts., oz. 25 cts., ¼lb. 50 cts., lb. \$1.50.

Mary Washington. ★ Plants vigorous, very productive and nearly rust-free. Shoots dark green with heavy purple overtone and of excellent quality. By far the most extensively grown variety. Seed, pkt. 10 cts., oz. 25 cts., ¼lb. 60 cts., lb. \$2.

Two-year-old roots, 75 cts. per doz., \$2 for 50, \$3.50 per 100, \$12 for 500, \$22 per 1,000.

BROCCOLI

A kind of hardy cauliflower which thrives best in moist fall weather. Grow like late cauliflower, sowing in May and transplant in June or early July.

An ounce of seed will produce 2,000 plants

True Italian Sprouting. A distinct variety with large, solid heads that stay green. Many sprouts develop from the leaf-axils after the heads are cut, and each terminates in a small head which is also edible. Pkt. 15 cts., oz. 50 cts., ¼lb. \$1.50.

FRENCH ARTICHOKE

This highly prized salad can be grown in our climate, provided the plants are given light protection over winter. Start the seed indoors and give the same treatment as you would tomatoes, transplanting to the garden in May. The plants are perennial.

An ounce of seed will produce 500 plants

Large Green Globe. The best variety. Pkt. 15 cts., oz. 75 cts., ¼lb. \$2.50, lb. \$8.

BRUSSELS SPROUTS

The "sprouts" are like miniature cabbages growing along the main stem. Takes the same culture as cabbage.

An ounce of seed will produce 2,000 plants

Half-Dwarf Improved. Pkt. 15 cts., ¼oz. 90 cts., oz. \$3, ¼lb. \$9.

★ WHEN IN DOUBT, ORDER THE STAR VARIETIES

BEANS

Everyone Can
Grow Beans

Dwarf Green-podded and Wax Beans

Although the pods of Wax Beans are considered more attractive than those of the green-podded sorts, there is no difference in quality, and personal choice, or market demand, must decide which to grow; they are both delicious and both yield bountiful returns from limited space. Home gardeners will want some of both types. As soon as the ground warms up, plant the Beans $1\frac{1}{2}$ to 2 inches deep and 2 to 3 inches apart; later plantings should be covered $2\frac{1}{2}$ to 3 inches deep. For a constant supply, plant every two weeks from May to August.

**For Increased Yield
Inoculate This Seed
with LEGUME-AID.**

*A pint of seed will sow 100 feet of furrow;
1 to $1\frac{1}{2}$ bushels, depending on variety, will
be required for an acre when the seed is
planted in drills.*

Dwarf Green-podded Beans

Asgrow Stringless Green-Pod. ★ Four to six days earlier than Full Measure. The pods are long, straight, round, meaty, entirely stringless, and of fine table quality. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Asgrow Stringless Black Valentine. ★ A new, hardy, prolific Bean of the true Black Valentine type, wholly without strings. Quick-growing. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Bountiful. ★ A splendid variety, well named, for it is extremely productive and always reliable. The pods are flat, of good size, and handsome appearance, always stringless, tender until full grown and of excellent flavor. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Burpee's Stringless Green-Pod. Early and productive, with pods round, thick and very meaty; always perfectly stringless and tender even when old. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Full Measure. A well-known variety for market-gardens as well as home-gardens. The pods are of good size, round, thick, stringless, tender, and of excellent quality. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Giant Stringless Green-Pod. ★ A little later to bear than the kinds described above but a very dependable producer of big crops. The pods are long, dark green, round, always stringless and very tender. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Improved Early Red Valentine. Extra-early strain of the old favorite, Red Valentine. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Italian Black-Eye. A very prolific yielder with long, round, slender pods, dark green in color and stringless. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Plentiful. Bronze Medal, 1939 All-America Selections. Very productive and of excellent quality. Pods long, flat, straight, medium deep green, brittle, stringless, and of a distinctive flavor. Notably resistant to common rusts. A splendid variety for home-garden or market. Medium early. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Bountiful Beans



DWARF GREEN-PODDED, continued

Stringless Green-Pod Refugee. Perfectly stringless even when old enough to shell. The plants are large, producing heavy crops; pods large, round, and fleshy. Ideal for canning. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Tendergreen. ★ This new, early Bean has perfectly round pods $6\frac{1}{2}$ to 7 inches long, quite slender, straight, light green, tender, absolutely stringless, and of high quality. Very productive. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Dwarf Wax-podded Beans

Improved Golden Wax. Pods are thick and flat, creamy yellow in color and stringless. Hardy and prolific; quality fair. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Pencil-Pod Black Wax. A late variety for midseason use. Pods round, long, slender, and of fine quality. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Round-Pod Kidney, or Brittle Wax. ★ This Bean is superior in flavor, remarkably brittle and tender, and absolutely stringless. The pods are long, round and bright yellow. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Sure-Crop Stringless Wax. ★ A strong, prolific, early variety. The pods are of good size, broad, semi-round, and bright yellow in color, entirely stringless and of fine quality. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

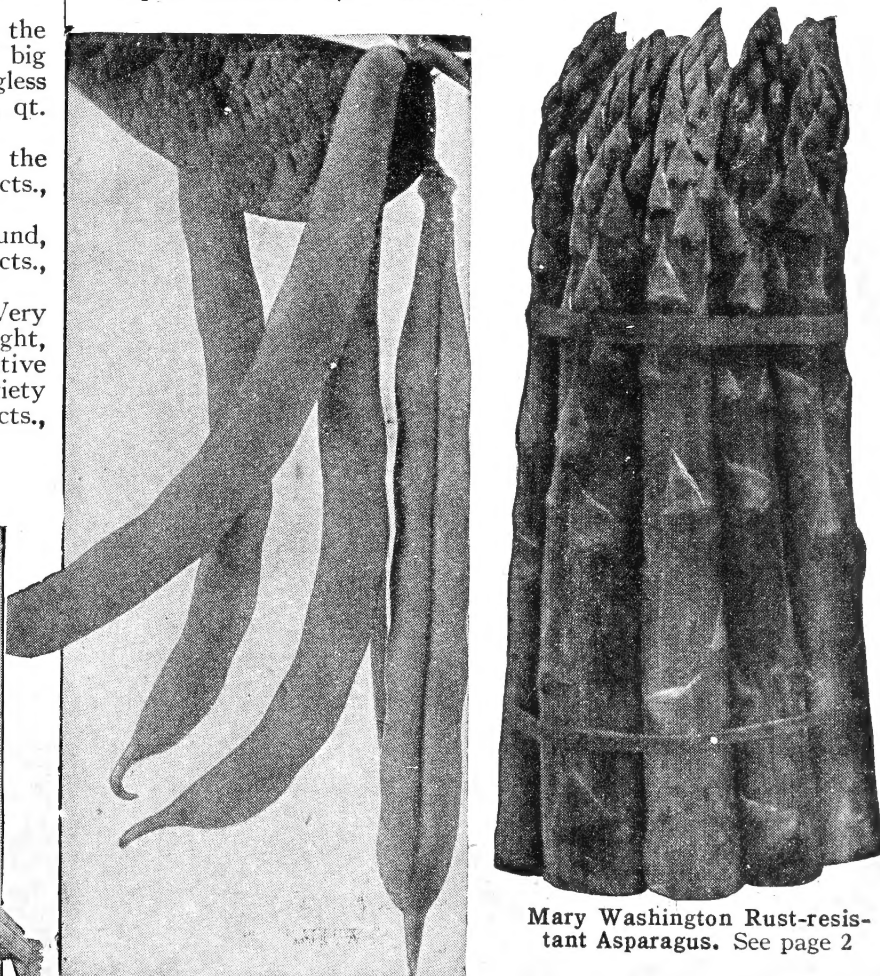
Topnotch Wax. Rather small, compact plant with creamy yellow pods. Straight, stringless, and brittle. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Yellow Bountiful Wax. ★ Very meaty, yellow pods about 7 inches long, stringless, and delicious. Very productive. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Edible Soy Beans

Bansei. A very popular variety of vegetable-type Soy Beans. Early and extremely productive. They are delicious when eaten green or dry. Seeds are bright green while young and yellow when mature. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.35, bus. \$15.60.

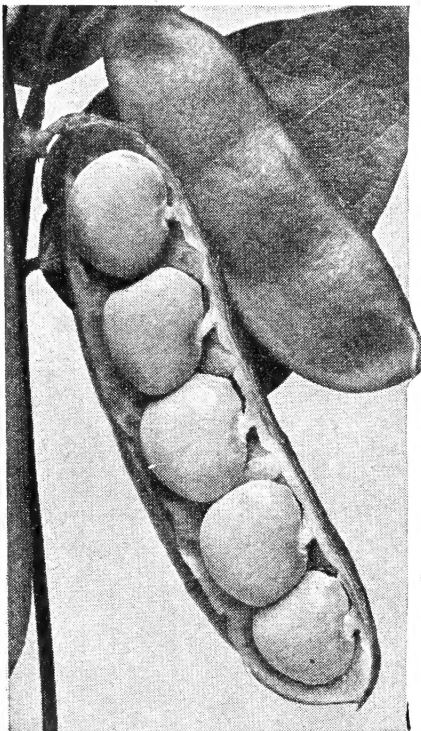
NOTE: One pint of Beans weighs about 1 lb.,
1 quart about 2 lbs., and 1 bushel 60 lbs.



Tendergreen Beans

Mary Washington Rust-resistant Asparagus. See page 2

BEANS, continued



Fordhook Bush Lima Beans



Kentucky Wonder Pole Beans

Bush Lima Beans

Never plant Bush Lima Beans until the weather is really warm. Plant on edge, with the eye down, 4 to 5 inches apart and 1 inch deep; thin the plants to 8 to 10 inches apart.

*A quart of seed will sow 150 feet of furrow;
a bushel will sow an acre*

Baby Fordhook. A thick-seeded, small Lima Bean of excellent quality which remains green a long time. Extra-heavy cropper; especially suitable for canning. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Burpee Improved. ★ The large bushes bear loads of big, broad pods, each containing 4 or 5 Beans of the largest size and finest quality. Medium early. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.80, bus. \$17.40.

Fordhook. ★ Extra early and extremely prolific, bearing good-sized pods which contain 3 to 5 large, thick, meaty Beans of delicious quality. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.80, bus. \$17.40.

Wood's Prolific. An improved strain of the small-seeded Lima, valuable for planting where the large-seeded Limas do not thrive. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Pole Lima Beans

These take longer to bear than the Bush Limas, but yield larger crops and continue to bear for a longer period. The seed is usually planted in hills, at least 3 feet apart each way, dropping 4 to 6 Beans to the hill. Set poles 8 to 10 feet long in each hill to support the vines.

A quart of seed will plant 100 hills; 20 quarts will plant one acre

Carpinteria. Medium-late with large pods, containing 3 to 5 Beans which are very thick and mealy and retain their green color even when ripe. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Detroit Mammoth. Medium early. Pods 9 to 11 inches long, containing 5 to 7 mammoth Beans of excellent quality. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Extra-Early Jersey. Comes into marketable size a week earlier than other varieties. Good size and fair quality. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

King of the Garden. ★ Broad pods 5 to 6 inches long, containing 4 or 5 large, flat Beans. Allow only two vines to each pole. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Leviathan. ★ A general favorite, being early and productive, bearing loads of giant pods, well filled with large tender Beans. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Siebert's Early. Extra-early and one of the most productive. The Beans are large and thick through and of fine quality. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Wax- and Green-podded Pole Beans

Do not plant until the weather is really warm, then cover 6 to 10 Beans 2 inches deep in hills 3 to 4 feet apart, thinning out to 3 or 4 plants to each pole.

*A quart of seed will plant 100 to 150 hills; from 12 to 16 quarts
will plant an acre according to the size of the Beans*

Asparagus, or Yard-Long. A quick-growing Pole Bean with slender, curved pods 2 feet or more in length. Tender and flavorful when young. $\frac{1}{2}$ pt. 45 cts., pt. 75 cts., qt. \$1.25.

Burger's Green-Pod Stringless. Extra-early and prolific, bearing round, brittle pods of fine quality. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Golden Cluster Wax. Extra-early, most attractive in appearance and unsurpassed in flavor, but the pods should be picked young. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Kentucky Wonder. ★ Early, reliable under all conditions, and immensely productive, bearing long, round, dark green pods of fine quality. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Kentucky Wonder Wax. ★ A Wax Bean similar in productiveness to the green-podded variety. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.80, bus. \$17.40.

King Horticultural. Also known as Pole Roman Bean or Speckled Cranberry. Late but productive. The Beans are extra good, either green or dry. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Lazy Wife. Late sort with great clusters of richly flavored green pods which are 5 to 6 inches long. Useful also as a Shell Bean. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Scarlet Runner. An ornamental climber whose bright scarlet blossoms are most attractive. The dried Beans are used like Limas. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Dwarf Green-podded Beans for Shelling

Dwarf Horticultural. Also known as Roman Bean. A fine producer of green and dry Shell Beans, and String Beans. The ripe Beans are round and speckled with purplish red. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

Red Kidney. Resembles the White Kidney except that the ripe Beans are red in color. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

White Kidney. Largely grown for dry Shell Beans. The ripe Beans are large, kidney-shaped, pure white and do not discolor when cooked. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

White Marrowfat. The favorite Bean for baking. A good producer of large, white Beans of fine quality. $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4.65, bus. \$16.80.

White Navy, or Pea Bean. Used mostly for field planting; a sure cropper and extremely prolific. The dried Beans are small, round, and white. $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 65 cts., pk. \$3.90, bus. \$13.80.

★WHEN IN DOUBT, ORDER THE STAR VARIETIES

BEETS

Sow seed as early in the spring as possible, in drills 15 to 18 inches apart, covering about 1 inch deep, and thin the plants to 2 to 3 inches apart. Plantings every three weeks until mid-July will furnish a supply of fresh Beets until late fall. Late in June make a large planting to produce Beets for winter use. Harvest before frost and store in pits outdoors, or in a dry cellar. For an extra-early crop start the seed under glass.

An ounce of seed will sow about 50 feet of drill; 6 pounds an acre

Crosby's Extra-Early. ★ Dark red skin and deep red flesh; very uniform in shape and size. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.75.

Detroit Dark Red. ★ Early, smooth, and uniformly globe-shaped, with dark red skin and flesh, fine-grained, tender and sweet. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.25.

Early Blood Turnip. Dark red skin and bright red flesh of good quality. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.75.

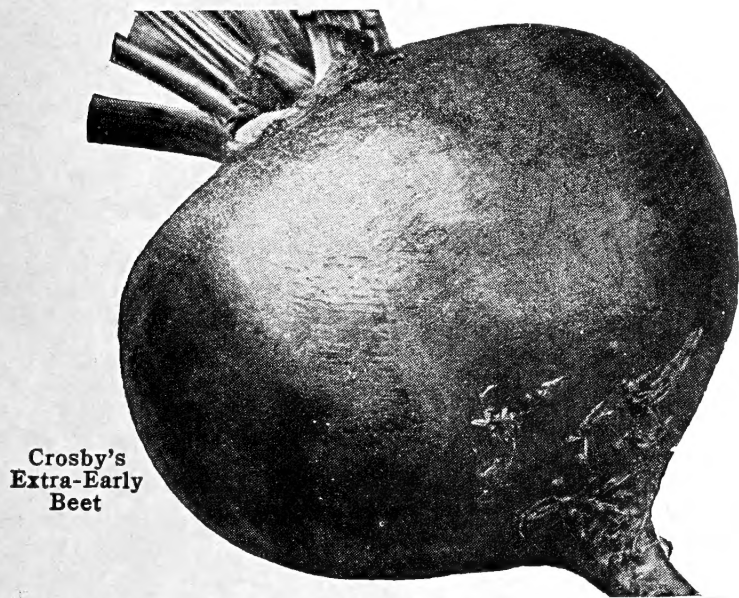
Early Model. Extra-early and top-notch in quality. Uniformly globe-shaped, with smooth, dark red skin and fine-grained, crimson flesh. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.75.

Early Red Chief. This striking new Beet is the result of several years' breeding work. It is faster growing than any other Beet and therefore earlier in reaching a marketable size. The roots are smooth, perfectly globular, deep dark red all the way through, without zoning, of uniform shape and size, with slender taproots. Tops are medium, just right for bunching. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.75.

Early Wonder. ★ Smooth, dark red flesh. Early. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.75.

Extra-Early Egyptian. One of the earliest. Medium-sized, flat, smooth roots with dark crimson skin and flesh. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.75.

Perfected Detroit. An improved strain of Detroit Dark Red. It is early, with round, dark red root and medium foliage. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.25.



Crosby's
Extra-Early
Beet

SWISS CHARD

One of the best of the vegetables grown for "greens." It takes the same culture as Beets except that the plants should be thinned to stand 8 inches apart. Pull the leaves off as they become ready and new ones will grow in their place.

An ounce of seed will sow about 100 feet of drill

Fordhook Giant. ★ An outstanding new variety with curly, rich blue-green leaves and broad white ribs, of a quality better than spinach. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

Lucullus Giant. A tall variety with deeply wrinkled and crumpled leaves. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

MANGEL-WURZEL or CATTLE BEETS

Sow the seed in April or early May and when the plants are 2 to 3 inches high, thin them out to stand 8 to 10 inches apart. Harvest before frost and store in pits outdoors or in a dry, frost-proof cellar.

Four to 5 pounds of seed will sow an acre in drills, 8 to 10 pounds when broadcast

Golden Tankard. ★ Large, long roots unusually high in feeding value. Oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, 5 lbs. \$9.50.

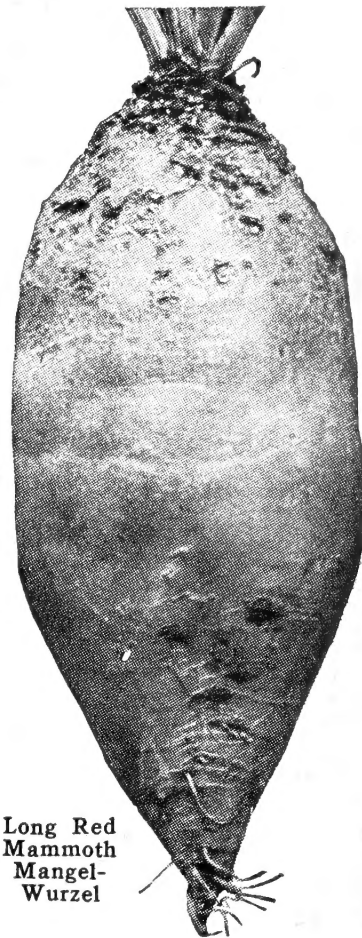
Klein Wanzleben. Rigorously selected for high sugar content. Oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, 5 lbs. \$9.50.

Long Red Mammoth. ★ Enormous roots which grow largely above ground and are easy to harvest. Oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, 5 lbs. \$9.50.

Norbiton Giant Long Red. Somewhat similar to the above. Excellent for feeding to stock. Oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, 5 lbs. \$9.50.

Red Globe. Oval or globe-shaped, giving heavy yields on shallow soils. A good keeper. Oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, 5 lbs. \$9.50.

White Sugar. Very productive, rich in sugar and especially good for stock-feeding. Oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, 5 lbs. \$9.50.



Long Red
Mammoth
Mangel-
Wurzel

CHICORY

The Large-rooted variety is grown for its roots, which may be cooked and served like turnips.

The Witloof variety is highly esteemed as a winter salad, for which purpose the plants are taken up in the fall, cut back nearly to the top of the root, and then covered with soil in a box or trench in a warm cellar. The new leaves which grow from the old roots in about a month's time are nearly white, crisp and of a fine, piquant flavor. Sow Chicory seed in April or May, in shallow drills, and thin the plants to stand 4 to 6 inches apart.

An ounce will sow about 100 feet of drill

Large-rooted. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Witloof. Sometimes called French Endive. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.25, lb. \$7.50.

COLLARDS

Georgia, or Southern. Largely grown for "greens" in the southern states. Produces a large cluster of tender leaves at the top of its long stem. Sow late in the spring and give the plants plenty of room to develop. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 90 cts.

CRESS (For peppery salads and garnishes)

Fine-Curled Pepper Grass. Sow the seed any time from early spring on. It need not be grown in rows and requires no thinning. The leaves can be cut several times before the plants begin to form seed. Make sowings every week or ten days, a small patch at a time, for a continuous supply. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Water Cress. (True.) Grows in damp places. Sow the seed in shallow water along the bank of a stream. No further care is required after sowing. Sold out and none to offer.



Golden Acre Cabbage

CABBAGE

Early Cabbage should be started under glass in January or early February, and transplanted as soon as the weather is suitable. The second crop should be started in March or April, and Winter Cabbage in May. Plants should stand 1½ to 2 feet apart, according to variety. Slug Shot will control the Cabbage worm. Cabbage requires rich soil, and the young plants can be pushed along rapidly with frequent small doses of Nitrate of Soda.

An ounce of seed will produce 1,500 to 2,000 plants

Copenhagen Market, Special Strain. ★ Far superior to the ordinary strain. A profitable variety for market-gardeners. Pkt. 15 cts., oz. 70 cts., ¼lb. \$2.25, lb. \$7.80.

Copenhagen Market. Matures in about 100 days from sowing. The heads are round, extremely solid, with small core and of excellent quality. Pkt. 10 cts., oz. 65 cts., ¼lb. \$2, lb. \$6.80.

Copenhagen Market ("Yellows"-Resistant Strain). Pkt. 15 cts., ½oz. 40 cts., oz. 70 cts., ¼lb. \$2.25, lb. \$7.80.

Early Jersey Wakefield. Matures its rather small, solid pointed heads in 100 days from sowing. Pkt. 10 cts., oz. 65 cts., ¼lb. \$2, lb. \$6.80.

Glory of Enkhuizen. ★ The heads are solid and of fine quality. A good keeper. Pkt. 10 cts., oz. 65 cts., ¼lb. \$2, lb. \$6.80.

Glory of Enkhuizen ("Yellows"-Resistant Strain). Pkt. 15 cts., ½oz. 40 cts., oz. 70 cts., ¼lb. \$2.25, lb. \$7.80.

Golden Acre ("Yellows"-Resistant Strain). Earliness and fine quality make it a leader of the round-headed varieties. Pkt. 15 cts., ½oz. 40 cts., oz. 70 cts., ¼lb. \$2.25, lb. \$7.80.

Hollander, or Short-Stem Danish Ballhead. ★ The heads are of only medium size but round, deep, and sound as a bullet. Good keeper. Pkt. 10 cts., oz. 70 cts., ¼lb. \$2.25, lb. \$7.80.

Hollander ("Yellows"-Resistant Strain). Pkt. 15 cts., ½oz. 45 cts., oz. 75 cts., ¼lb. \$2.50, lb. \$8.80.

Penn State Ballhead. ★ The hard, tight heads weigh one-third more than ordinary heads of same size and are unusually good keepers. Matures in 130 days. Pkt. 15 cts., ½oz. 40 cts., oz. 70 cts., ¼lb. \$2.25, lb. \$7.80.

Premium Flat Dutch. A heavy yielder, producing large, heavy, flat heads which keep well until late in winter. Pkt. 10 cts., oz. 65 cts., ¼lb. \$2, lb. \$6.80.

Red Cabbage

Mammoth Rock Red. Heads flattened and very large. A reliable and popular Red Cabbage. Pkt. 10 cts., oz. 65 cts., ¼lb. \$2, lb. \$6.80.

Savoy Cabbage

The leaves are curled and crinkled, and the heads are firm and solid. They are best late in the season after a heavy frost.

Chieftain. Solid heads with nicely savoyed leaves. Pkt. 15 cts., ½oz. 45 cts., oz. 75 cts., ¼lb. \$2.50, lb. \$8.80.

American Drumhead Savoy. Large, solid heads and few outer leaves. Pkt. 10 cts., ½oz. 45 cts., oz. 75 cts., ¼lb. \$2.50, lb. \$8.80.

Chinese or Celery Cabbage

Pe-Tsai. Produces heads about 18 inches high and 4 inches or more in diameter. Sow the seed the last of June or early in July, in shallow drills about 2 feet apart, and thin or transplant the seedlings to stand about 15 inches apart. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.15, lb. \$3.50.

CAULIFLOWER

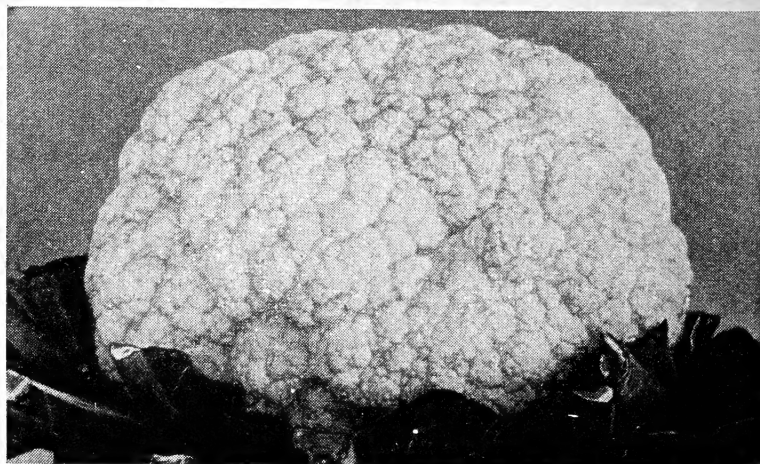
Sow the seed and treat the young plants exactly as you would cabbage, starting the spring crop in flats indoors or in the hotbed early in February and transplanting to the garden in May after danger from frost is past. Sow for fall crop in coldframe or seedbed in May and transplant in July. Set the plants 1½ feet apart, digging in plenty of manure if it is available. When the plants show signs of heading, water them freely. Finally, when the heads are about 2 inches in diameter, tie the outer leaves loosely together over the top with a soft twine, to protect them from the sun and blanch them white.

An ounce of seed will produce about 2,000 plants

Danish Giant, or Dry Weather. A little later than Snowball and the plants are larger. Preferred in some sections because it will grow and head during dry weather. Pkt. 40 cts., ¼oz. \$1.25, oz. \$4.

Select Early Snowball. ★ Extra-early and one of the surest headers. It produces deep, solid heads of medium size, pure white, and of fine quality. Being compact in growth, the plants can be set close together. Forces easily and is often grown in greenhouse or frames. Pkt. 40 cts., ¼oz. \$1.25, oz. \$4.

Snowdrift. ★ Somewhat more vigorous than Snowball and selected to produce a larger head without losing materially in earliness. Harvesting may be completed 120 days after date of sowing. The pure white heads are remarkable for their great depth and unexcelled white color, and the curd is of fine texture, resistant in a high measure to "riciness" and "fuzziness." Heads in which small green leaves appear will be sought in vain and the inner leaves perfectly protect the head until nearly full grown. Pkt. 40 cts., ¼oz. \$1.50, oz. \$5.



Snowdrift Cauliflower

★WHEN IN DOUBT, ORDER THE STAR VARIETIES

CARROTS

Carrots succeed in any good garden soil; freshly manured ground will produce split and misshapen roots. Sow the seed any time after the frost is out of the ground, covering it about an inch deep and pressing down firmly. Thin the seedlings to 2 inches apart until they begin to reach edible size, when they should be again thinned, this time to 4 inches. The thinnings will be found to be especially good eating. Make sowings every 3 to 4 weeks from late March to the end of June. Carrots for winter storage should be sown in early June.

*An ounce of seed will sow about 100 feet of drill;
3 to 4 pounds are required to sow an acre*

Chantenay. ★ The roots are broad at the top, tapering to an abrupt point. It produces heavy yields on comparatively shallow soils. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.50.

Danvers Half-Long. ★ The roots are smooth, nearly cylindrical, bluntly pointed, and in good soil will attain a length of 6 to 8 inches. The skin and flesh are bright orange-red, fine-grained and tender. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.50.

Improved Long Orange. Large, tapering roots, 12 to 14 inches long, smooth, bright orange in color and of good quality. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.50.

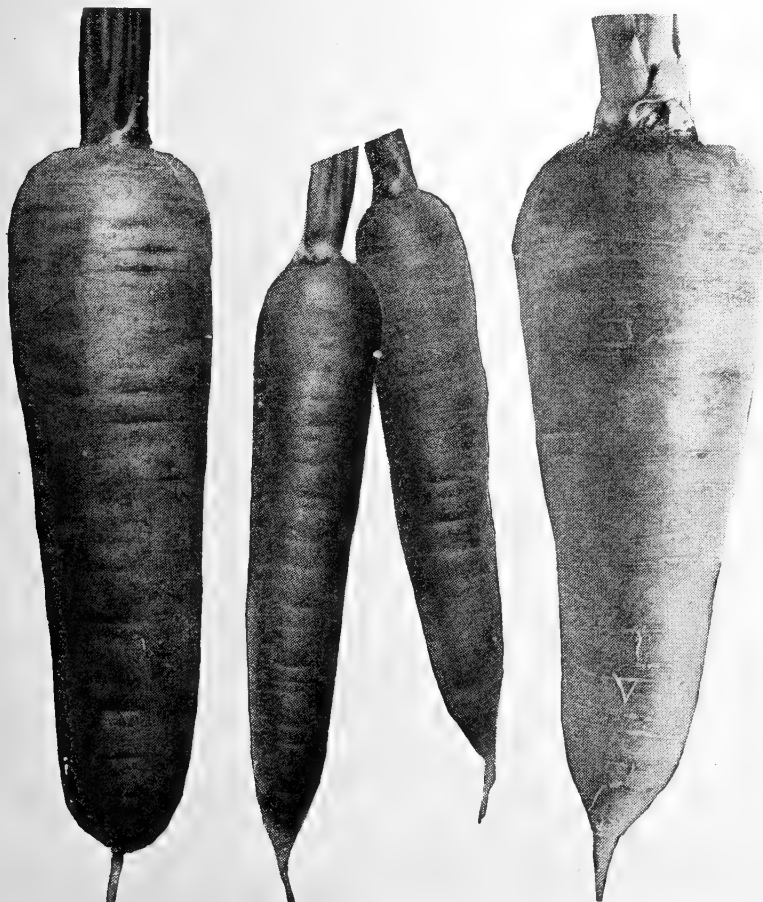
Morse's Bunching. Matures in 80 days. Roots rich even reddish orange, small core; 8 inches long, sweet, tender; short, strong tops. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.50.

Oxheart. Thick, blunt, bright orange roots. Grown largely for stock feed. Prolific and a good keeper. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.50.

Red-Cored Chantenay. A rich orange color, decidedly deeper than the ordinary Chantenay. Roots are uniform in size and appearance, and a little earlier in maturity than ordinary Chantenay. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.50.

St. Valery. A tapering Carrot of fine quality, about 10 inches long, deep reddish orange in color. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.50.

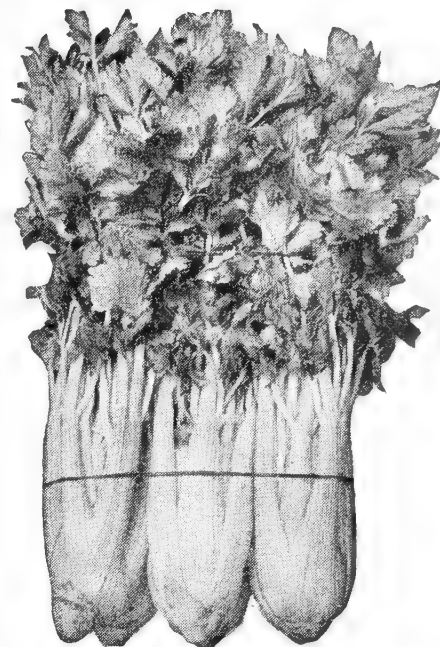
Supreme Half-Long. Cylindrical roots 6 to 7 inches long, rich deep orange, with uniformly small orange-red core. Tops short but sturdy. Recommended for shipping, or for the home or market-garden. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.50.



Chantenay Improved Long Orange Danvers Half-Long

CELERY

Celery wants plenty of fertilizer—enrich the spot where you are going to grow it with manure, humus, or rich compost, or if you lack these, with a commercial fertilizer high in nitrogen. For early crops sow indoors or in a hot-bed about March 1, barely covering the seed with soil. When the seedlings are 2 to 3 inches high, thin out or transplant $1\frac{1}{2}$ to 2 inches apart. Set out by the end of May. For winter Celery, sow seed in a coldframe or sheltered spot in the garden about mid-April and reset in the trenches about July 1. It is a good plan to cut off the tops of the plants when they are 4 to 5 inches high to make them more stocky.



Golden Plume Celery

*An ounce of seed will produce 3,000 plants;
one-half pound is required for an acre*

Easy Blanching. ★ The stalks are of medium height, thick through, and brittle; the heart is heavy, blanching quickly to a clear light yellow. Good for both early and late crop. Pkt. 10 cts., oz. 65 cts., $\frac{1}{4}$ lb. \$2, lb. \$7.

Fordhook. Stalks smooth, entirely free from stringy fibers, and $1\frac{1}{2}$ inches through when cut. Blanches pure white but heart has a tinge of light, buttery yellow. Crisp, nutty flavor. Pkt. 10 cts., oz. 65 cts., $\frac{1}{4}$ lb. \$2, lb. \$7.

Giant Pascal. ★ A fine, late Celery with broad, thick, heavy stalks of superb nutty flavor; blanches yellowish white. A good winter keeper, retaining its flavor and crispness in storage. Pkt. 10 cts., oz. 65 cts., $\frac{1}{4}$ lb. \$2, lb. \$7.

Golden Phenomenal. Grows 27 to 28 inches over all, and from 8 to 9 inches to the joint. Plants are heavy, compact, and full-hearted. The stems are broad and thick, brittle and of fine flavor. Pkt. 15 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.25, lb. \$8.

Golden Plume, or Wonderful. ★ Resembles Golden Self-blanching in crispness and flavor, but much larger, blanches quicker and matures earlier. Desirable for market-gardeners. Pkt. 15 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.25, lb. \$8.

Golden Self-Blanching. It is rather low and compact in growth, with thick, round stalks and heavy heart, blanching easily to a rich golden yellow. In flavor and quality it is unsurpassed. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.25, lb. \$8.

Summer Pascal. An early variety of excellent quality. Plant not tall but sturdy and robust. Stems are thick and tender and of rich flavor. Blanches to a pure white. Pkt. 25 cts., oz. \$1.50, $\frac{1}{4}$ lb. \$5.

White Plume. A very early, easily grown variety with tall, handsome stalks which blanch quickly to a silvery white. A favorite. Pkt. 10 cts., oz. 65 cts., $\frac{1}{4}$ lb. \$2, lb. \$7.

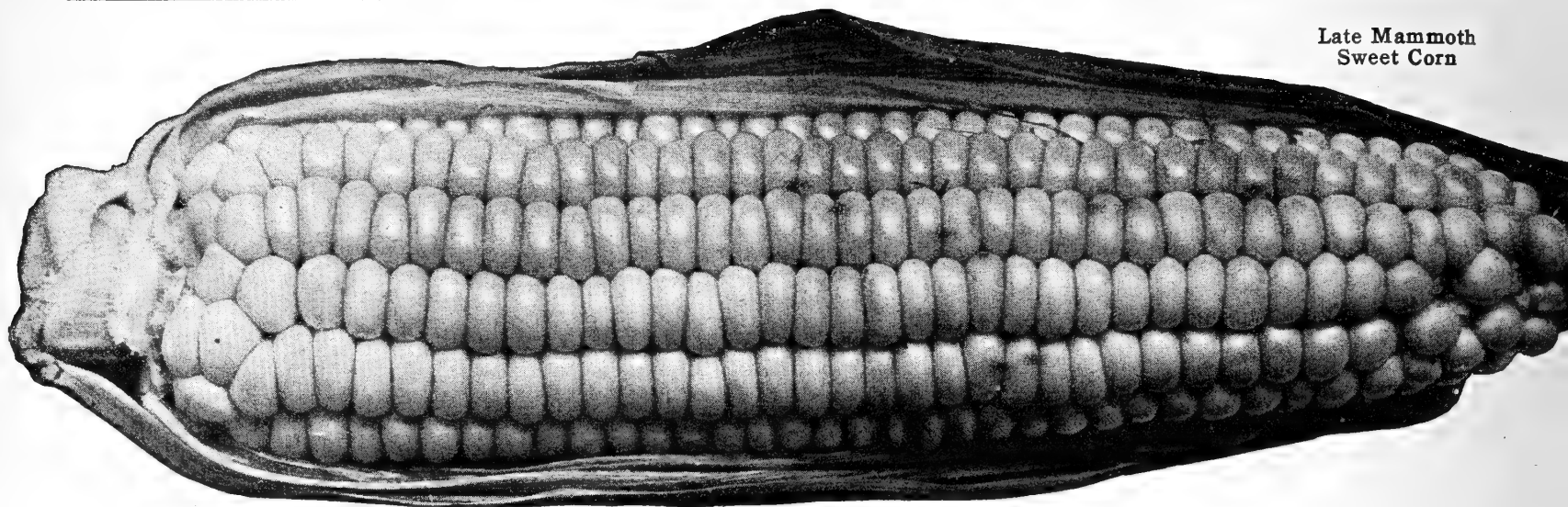
CELTUCE

An appetizing vegetable novelty from China. Seed is sown outdoors and the young plants thinned to 6 inches apart. Grows about a foot high. Young leaves are used as salad; the stalk eaten raw or cooked. Pkt. 15 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1.

CELERIAC or TURNIP-ROOTED CELERY

The roots—not the stalks—are the edible portion of this plant. They are used for flavoring soups and in stews, in place of Celery or Celery seed, and are also cooked or used as a salad. Grown like Celery but does not require blanching.

Large Prague. A productive variety with large, round, smooth roots, free from side shoots. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.

Late Mammoth
Sweet Corn

SWEET CORN

Do not make the first sowing until the soil is warm and comparatively dry—the middle of May is usually the earliest it is safe to sow Corn in this section. Plant every 2 weeks until early July. It can be grown in hills or in rows. Hills are placed 2 to 3 feet apart each way, dropping about six seeds in each hill and, when the plants are about 8 inches high, pulling out all but the three or four strongest. Rows are spaced $2\frac{1}{2}$ to $3\frac{1}{2}$ feet apart and the plants thinned to stand 12 to 15 inches apart in the rows. In planting, cover the seed about 2 inches deep, or a little deeper if the weather is very dry. Growing Corn requires lots of water. In order that the ears may develop perfectly they must receive plenty of pollen from near-by stalks; consequently, it is always best to plant Sweet Corn in several short rows, side by side, rather than in one or two long rows. If you want to enjoy Sweet Corn far sweeter and richer than any you have ever been able to buy, grow it yourself and pick it just before it is to be cooked.

*One quart of seed will plant 200 to 300 hills or 300 feet of row;
6 to 8 quarts will plant an acre*

Early Varieties

Burbank's Bantam. ★ The ear is 7 to 8 inches long, with 12 to 16 rows of delicious yellow kernels, and matures in 65 to 70 days. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

Early Mayflower. Ears 7 inches long with 8 or 10 rows of broad, tender, pure white kernels. Fine for first early. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

Extra-Early Adams. Not a true Sweet Corn but extremely hardy and early. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$3.50, bus. \$12.

Golden Bantam. ★ Planted a week or so earlier than other sorts, it can always be depended on to supply the first true Sweet Corn of the season. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

Golden Sunshine. An improvement on Golden Bantam in that the ears are an inch longer, 12-rowed instead of 8-rowed, and it matures about 10 days earlier. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

Medium Early Varieties

Barden's Wonder Bantam. ★ Large yellow deep grains. Ears a third larger than Golden Bantam, often 8 to 10 inches long. Early as Bantam and equal if not superior in quality. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

Black Mexican. The ears are of good size with broad kernels which are bluish white when they reach the edible stage and turn violet when cooked. Very sweet and tender. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

Early Evergreen. Not quite so tall but several days earlier than Stowell's, bearing large ears of typical Evergreen type and quality. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

Golden Giant. ★ As sweet, tender, and rich in flavor as the famous Golden Bantam, practically as early, more productive, and much larger. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

Howling Mob. ★ Medium-early; unusually large for so early a sort and not surpassed in quality by any other white Sweet Corn. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

Whipple's Early White. Matures about a week later than the small extra-early sorts. Ears 8 to 9 inches long with 16 or 18 rows of pearly white and sweet grains. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

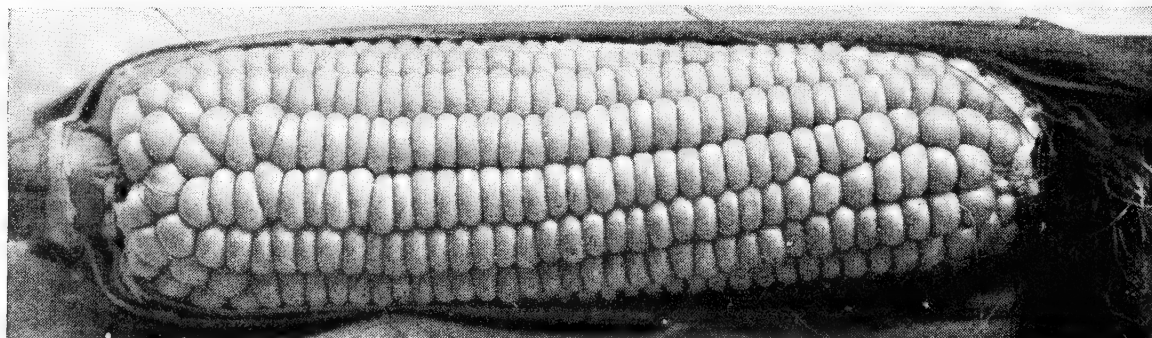
Whipple's Early Yellow. ★ Ears about twice the size of Golden Bantam, and of very fine quality. Matures in about 85 days. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

Late Sweet Corn

Country Gentleman. Fine rich flavor. The ears are 7 to 8 inches long with long, narrow kernels set densely and irregularly on a very small cob. Often called "Shoe-Peg." Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

Golden Colonel. ★ Given award of merit in All-America Seed Selections for 1936. Like Country Gentleman except color, which is brilliant yellow. The only yellow Sweet Corn ripening with main-crop sorts. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

Golden Evergreen. ★ Fine, large-eared, deep-grained yellow Sweet Corn. A midseason Corn that remains tender and sweet for a long time after it reaches full size. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.



Golden Evergreen Sweet Corn

NOTE: One pint of Corn weighs about $\frac{3}{4}$ pound, one quart about $1\frac{1}{2}$ pounds, and one bushel about 48 pounds.

Late Sweet Corn, continued

Late Mammoth. ★ The largest of all Sweet Corns and one of the very finest in quality. Ears often 12 inches long, deliciously sweet. A week to ten days later than Evergreen. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

Stowell's Evergreen. ★ The ears are 8 to 10 inches long with 16 or 18 rows of very deep, white sweet kernels. It remains tender and sweet for a long time. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

White Evergreen. A sturdy and productive strain of Stowell's, bearing a slightly larger ear and broader, whiter grain. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$4, bus. \$14.50.

Hybrid Sweet Corn

Hybrid varieties can be depended on to produce crops of better quality and larger yields. They are extremely uniform in ear characteristics and in maturity and are resistant to disease.

Carmelcross. Fine 8-inch ears with 10 to 14 rows of deep yellow kernels of super quality. Wonderfully sweet. Matures in 78 to 82 days on a disease-resistant plant. $\frac{1}{2}$ pt. 30 cts., pt. 55 cts., qt. \$1, pk. \$6.25, bus. \$23.

Golden Cross Bantam. Ears 10 to 14-rowed, $7\frac{1}{2}$ to 8 inches long, and of excellent quality. Kernels light yellow, medium in width and depth. Matures in about 88 days. $\frac{1}{2}$ pt. 30 cts., pt. 55 cts., qt. \$1, pk. \$6.25, bus. \$23.

Golden Evergreen Hybrid. Kernels golden yellow, medium wide and deep, sweet and of fine quality. Ears large, 14 or 16-rowed. Matures in about 95 days. $\frac{1}{2}$ pt. 30 cts., pt. 55 cts., qt. \$1, pk. \$6.25, bus. \$23.

Ioana. Very productive and highly resistant to wilt. Ears 7 to 8 inches, 12 to 14-rowed, well filled with light yellow kernels. Ready for market in about 87 days. Excellent for home-gardens. $\frac{1}{2}$ pt. 30 cts., pt. 55 cts., qt. \$1, pk. \$6.25, bus. \$23.

Lincoln Hybrid. Ears large, 12 to 16-rowed and of good quality. Kernels bright golden and narrow. Ready to use in about 85 days. Desirable for both home and market use. $\frac{1}{2}$ pt. 30 cts., pt. 65 cts., qt. \$1.25, pk. \$7.50.

Marcross C 13.6. An outstanding early variety. Large, thick ears and very uniform. Kernels golden yellow and of good quality. Ready for market in about 74 days. $\frac{1}{2}$ pt. 30 cts., pt. 55 cts., qt. \$1, pk. \$6.25, bus. \$23.

Marcross P 39. A very productive main-crop variety. Kernels a golden yellow. Characters about the same as Golden Cross Bantam but about a week earlier and a slightly shorter ear. $\frac{1}{2}$ pt. 30 cts., pt. 55 cts., qt. \$1, pk. \$6.25, bus. \$23.

Spancross C 13.4. An early golden yellow variety of good quality and yield. Ears slender, 10 to 14-rowed and well filled, uniform and attractive. Ready for market in about 72 days. $\frac{1}{2}$ pt. 30 cts., pt. 55 cts., qt. \$1, pk. \$6.25, bus. \$23.

POP-CORN

Golden Queen. Large golden yellow kernels. Pops pure white. Lb. 25 cts., 2 lbs. 45 cts.

White Rice. The most popular sort for general use. Productive; popping quality excellent. Lb. 25 cts., 2 lbs. 45 cts.

CARDOON

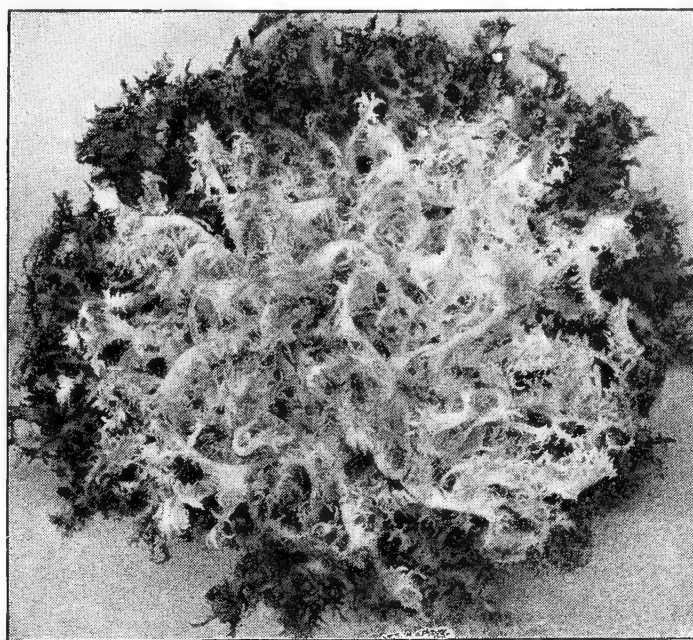
Grown somewhat like celery and served like asparagus. Large, fleshy plants used as a winter vegetable. The blanched stalks and ribs of the inner leaves are tender and of a fine flavor when cooked. Pkt. 10 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1, $\frac{1}{4}$ lb. \$3, lb. \$10.

CORN SALAD

A hardy, quick-growing plant, popular as a substitute for lettuce in late fall and early winter. Sow the seed early in the fall in shallow drills, and give plenty of water. Late plants, covered with a light mulch of straw or leaves, will be suitable for use in early spring.

An ounce of seed sows about 100 feet of drill

Large-seeded. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.



Green Curled Endive

ENDIVE

Sow the seed any time from early April to the end of July. Plant in shallow drills, about 15 inches apart, and thin the plants to stand 10 to 12 inches apart in the rows. When full grown, tie the tips of the outer leaves together over the center of the plant to blanch the heart, which will take about a week's time.

An ounce of seed will sow 150 feet of row; 3 pounds will sow an acre

Batavian Fullheart. ★ An earlier improved strain of Broad-leaved, with larger leaf and broader, thicker head. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Broad-leaved (Escarolle). The leaves are broad and quite thick and heavy, slightly twisted and scalloped. Medium green in color. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Green Curled. ★ The plants are large and handsome, with finely cut and fringed, dark green leaves. Blanches easily to clear white. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Large Curled Pancalier. A vigorous grower with thick curled leaves and red ribs. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

White Curled. Foliage is a little finer than the Green Curled and the inner leaves become creamy white without blanching. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

EGGPLANT

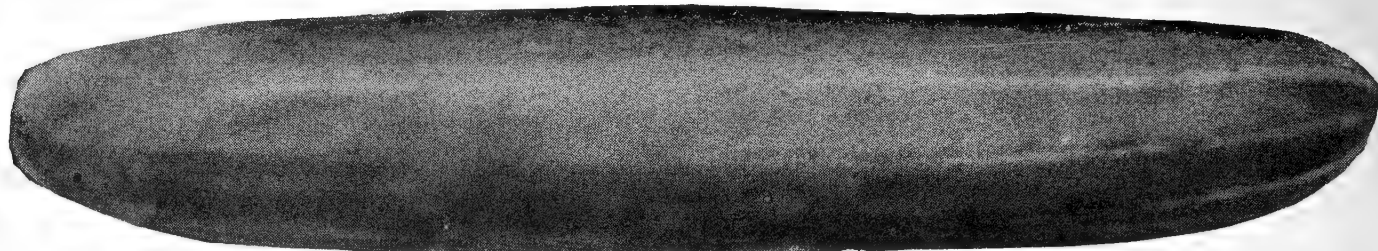
Start the seed in March, in hotbeds or boxes indoors. Push the seedlings along with plenty of light, heat, and moisture, and when they are about 3 inches high, transplant them to 3 to 4-inch paper pots or dirt-bands. Set out in the garden about June 1, spacing 2 to $2\frac{1}{2}$ feet apart each way. Disturb the roots as little as possible in transplanting, and water freely.

An ounce of seed will produce about 1,000 plants

Black Beauty. ★ A week to ten days earlier than New York Spineless. Fruits are of enormous size, smooth, purplish black, and of fine quality. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

New Hampshire Hybrid. Silver Medal, 1939 All-America Selections. Pear-shaped fruit of dark purple. Very early and a heavy producer. For home and market. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

New York Improved Spineless. Large, smooth, dark purple fruits of good quality, six to eight fruits to the plant. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.



Longfellow Cucumber

CUCUMBERS

For an extra-early crop, start indoors or in a frame about April 1, sowing the seed in paper pots or dirt-bands or on the bottom of inverted sods, and transplant to the garden the latter part of May, moving sod and all in order to disturb the roots as little as possible. Sow the main crop directly in the garden late in May, and, for a continuous supply, make additional sowings every two weeks up to the middle or latter part of July. Prepare hills 4 to 6 feet apart, digging up the soil to a depth of a foot or more and mixing in plenty of manure or compost. Leave the soil in the hills loose and a little higher than the general level of the garden. Sow eight to ten seeds in each hill and thin out all but the strongest three or four plants. Do not disturb the vines after they have started to spread. If the striped beetles interfere with the development of the young plants, spray them with Pyrox or dust with Hammond's Rotenone Dust. See insecticide pages.

An ounce of seed will plant about fifty hills; 2 pounds of seed will be required for an acre

A and C. Fruits deep green color, slightly tapered at neck and moderately pointed, 8 to 9 inches long; white spined. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Black Diamond. The earliest White Spine Cucumber. Fruits dark green, 7 to 8 inches long, perfectly smooth, of handsome appearance. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.50.

Cool and Crisp. Early. Fruits about 8 inches long, thick at the middle but tapering off at the ends; light green in color; quality good. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Davis Perfect. ★ A dependable producer of very long, slender fruits which are rich dark green color and of finest quality. It is a good shipper and holds its deep green color for a long time. Well adapted for greenhouse culture; medium early. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.50.

Early Fortune. Long, slender fruits, deep green in color and exceedingly uniform in size and shape, with crisp, firm flesh and few seeds. Early. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.50.

Extra-Long, or Evergreen White Spine. Fruits 10 to 12 inches long, dark green in color, smooth, and of splendid quality. Good for late crop and for greenhouse forcing. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.50.

Fordhook Famous. The fruits are of giant size, often 15 inches long, thick through and slightly tapered at the ends, dark green in color and with crisp, solid flesh and few seeds. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Improved Early White Spine. ★ Extra early and prolific. Produces medium-sized, light green fruits of fine quality for slicing or pickles. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.50.

Japanese Climbing. A good Cucumber for the small garden as the vines can be trained on fence or trellis; in fact, it requires some sort of support. Fruits long and thick, crisp, tender and of fine quality. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Kirby Staygreen. The earliest White Spine variety. Handsome fruits 7 to 8 inches long, of a beautiful dark green color. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Klondike. Medium-early. Unusual dark green color which it holds for a long time even under the hottest sun. Fruits of good size and shape. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Long Green Turkey. ★ Late but very productive. Fruits 12 to 14 inches long, straight and slender, slightly warted, dark green with crisp white flesh. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.50.

Longfellow. ★ Late. Fruits 12 to 15 inches long, dark green, uniform, straight, and attractive, holds color and crispness well after being picked. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.50.

Straight-8. ★ The Cucumbers are straight, 8 to 10 inches long, smooth, and deep green in color. The flesh is crisp, white, and snappy. Seed-cavity small. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.



National Pickling Cucumber

Pickling Varieties

Everbearing. Small, very early variety used for early pickles. By keeping the fruits picked it will continue to bear throughout the growing season. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Extra-Long Jersey Pickling. ★ The fruits are slender and tapering, growing 6 inches long, medium green in color. Extremely prolific. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Green Prolific, or Boston Pickling. For small pickles. Produces short, thick, bright green fruits, smooth and symmetrical. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Heinz Pickle. A dependable plant that bears excellent crops of well-formed fruits when other varieties fail. The Cucumbers are blunt at both ends, deep russet-brown, and get large when mature. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

National Pickling. ★ Early, high-yielding variety especially bred for pickling in the small sizes. Fruits deep green, straight, symmetrical, blunt-ended, but not chunky. Pack without waste space. Make firm, crisp pickles. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.50.

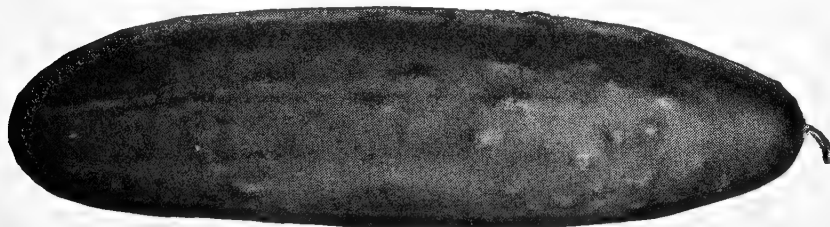
West India Gherkin, or Bur. Used for pickles. The vines are luxuriant, bearing quantities of small, nearly round fruits, light green and covered with spines. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.50.

DANDELION

If the leaves are tied together, the center of the plant will blanch as white and clear as endive. Sow the seed early in shallow drills, in rich soil, and thin the plants to stand about 1 foot apart.

An ounce of seed will sow about 100 feet of drill

Improved French. Pkt. 20 cts., oz. \$1, $\frac{1}{4}$ lb. \$3, lb. \$10.



Davis Perfect Cucumber

HERBS

Grandmother's garden always had a little patch of herbs and, doubtless, much of the savoriness of grandmother's cooking as well as the effectiveness of her home remedies was derived from her store of "yarbs." Most of the commoner herbs are perennials, although they last but a few seasons in ordinary situations. Any odd corner will do, provided it is sunny and the soil not too hard or poor. Sow seed in early spring, thinning out as needed.

Anise. Used principally for flavoring and for garnishing. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Balm. Used for making a medicinal tea. Pkt. 15 cts., $\frac{1}{2}$ oz. 50 cts., oz. 90 cts., $\frac{1}{4}$ lb. \$2.50.

Basil, Sweet. A highly aromatic herb whose leaves and tops are used for seasonings and, in a limited way, in salads. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts.

Basil, Sweet, Small-Leaf. An annual whose small leaves are valued for flavoring soups, etc. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts.

Borage. An annual plant that is used freely by bee-keepers. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.

Caraway. The seeds of this plant are used for culinary purposes, in confectionery and also in medicines. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Chives. Used as a substitute for onions in soups and salads. Pkt. 25 cts., $\frac{1}{2}$ oz. \$1.25, oz. \$2.

Chervil, Curled. Leaves of Chervil very much resemble those of parsley and are used in a similar way. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Coriander. An annual whose seeds are strongly aromatic. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.

Dill. An annual plant, seeds of which are used as a seasoning and also in the preparation of Dill pickles. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Fennel, Florence. A very delicious salad vegetable. It can be served like celery or boiled. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Fennel, Sweet. The leaves are finely cut and are used for garnishing. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts.

Horehound. Chiefly used for medicinal purposes, as it has strong tonic properties. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts.

Lavender. Dried flowers impart a pleasing odor to the contents of linen-chests. Pkt. 15 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1.

Marjoram, Sweet. Pleasingly fragrant and of particular value as a seasoning. Pkt. 10 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1, $\frac{1}{4}$ lb. \$3.

Peppermint. A perennial used for flavoring and for its pungent oil. Sold out.

Rue. A medicinal plant of extremely pungent taste. Pkt. 10 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1.

Saffron. Cultivated for medicinal purposes. Pkt. 10 cts., $\frac{1}{2}$ oz. 75 cts., oz. \$1.25, $\frac{1}{4}$ lb. \$4.

Sage. An old familiar herb with a pungent odor. Pkt. 25 cts., $\frac{1}{2}$ oz. \$1.50, oz. \$2.50.

Savory, Summer. Dried foliage used for flavoring during the winter months. Pkt. 10 cts., $\frac{1}{2}$ oz. 45 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50.

Tansy. A 3-foot perennial with strongly scented yellow flowers. Pkt. 15 cts., $\frac{1}{2}$ oz. 85 cts., oz. \$1.50.

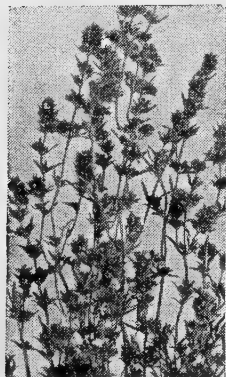
Tarragon. A perennial used for flavoring. 2 ft. Sold out.

Thyme. The leaves and young branches are used for seasoning. Pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts., oz. 90 cts., $\frac{1}{4}$ lb. \$2.50.

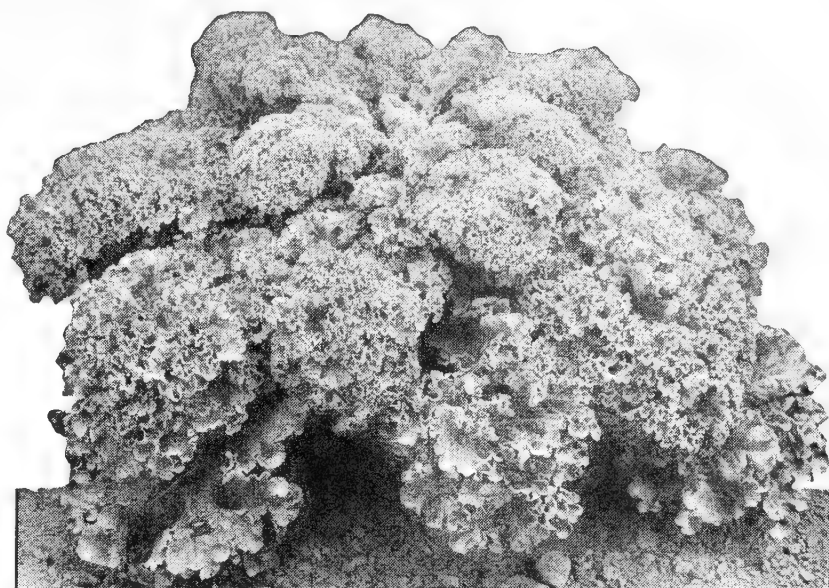
Wormwood. Has medicinal qualities. Pkt. 25 cts., $\frac{1}{2}$ oz. \$1.25, oz. \$2.

HORSE-RADISH ROOTS

Maliner Kren. The largest and most vigorous variety. Plant in early spring in rich, moist soil. Will produce a good crop in one season. Roots, 50 cts. per doz, \$2.50 per 100, \$18 per 1,000.



Sweet Marjoram



Dwarf Curled Scotch Kale

KALE (Borecole)

Makes delicious "greens" for fall and early spring use. Sow seed in the open from early spring until the middle of August. The early sowings give fully grown plants, whereas the later sowings will furnish delicious small tender leaves. Sow seed in shallow drills and thin or transplant to stand about 2 feet apart each way. Late plantings can be sown broadcast like spinach. Light frost will not injure Kale but will improve its flavor.

*An ounce will sow about 300 feet of drill;
4 pounds will sow an acre*

Dwarf Blue Scotch. ★ Dwarf, compact plants with finely curled bluish green leaves, retaining their color after cutting. One of the handsomest varieties. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Dwarf Curled Scotch. ★ Extremely hardy and fine for early winter use. Grows 15 to 18 inches high and produces a heavy crop of beautifully curled, bright green leaves, tender and of fine flavor. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Dwarf German. Low and compact in growth, with finely curled, yellowish green leaves. Nice for garnishing. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Tall Curled Scotch. Like the dwarf form but grows about 2½ feet high. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

KOHLRABI

Sometimes called Turnip-Rooted Cabbage. Sow the seed in shallow drills in April, or for extra-early crop start in the hotbed in March. Thin or transplant the plants about 6 inches apart. Kohlrabi grows rapidly and should be used when about half grown, 2 to 2½ inches in diameter. For a continuous supply make sowings every ten days up to the middle of July.

An ounce of seed will sow about 250 feet of drill

Early Large Purple. A little later and larger than the White Vienna, and a reliable sort. Skin purple; flesh white. Pkt. 10 cts., oz. 85 cts., $\frac{1}{4}$ lb. \$2.50, lb. \$9.

Early White Vienna. ★ The quickest growing and most popular kind for table use. Leaves few and small; bulbs of medium size with white skin and flesh, tender and of delicate flavor. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2, lb. \$7.

Large Green. Generally used for stock-feeding. Produces large bulbs with greenish white skin; rather tough when full grown but suitable for table use when small. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2, lb. \$7.

★ WHEN IN DOUBT, ORDER THE STAR VARIETIES

LETTUCE

By starting seed for the first crop in the hotbed or in flats in the house in February or early March, and by carefully choosing varieties which will furnish a succession of crops in the garden, one may have fresh Lettuce for the table from May to November. Make the first sowing outdoors as soon as the ground can be put in shape, making the seed-bed as fine and mellow as possible. Scatter the seed in shallow furrows at least 15 inches apart, and cover lightly. As soon as the plants are big enough, thin them out to stand 3 to 4 inches apart. Then, when they begin to touch each other in the row, use alternate plants, leaving them 8 to 12 inches apart. Cultivate constantly.

Loose-leaved Varieties

Black-Seeded Simpson. ★ The plants are large, with broad, beautifully crumpled and frilled leaves, light green in color and of good quality. Stands more heat than others of its class. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.10.

Chicken. A hardy, tall-growing, non-heading, dark green variety, producing the largest amount of leaves of any Lettuce. Makes excellent feed for poultry and rabbits. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.10.

Deer Tongue. A distinctly different Lettuce, crisp and tender. May be planted early and stands hot weather well. Pkt. 15 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.

Early Curled Simpson. Early, medium large, with yellowish green, crumpled and frilled leaves of excellent quality. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.10.

Grand Rapids. ★ An extremely early variety good for first spring crop in the garden; also grown in greenhouses for winter market. The plants are large, with bright green, curled and crinkled leaves. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.10.

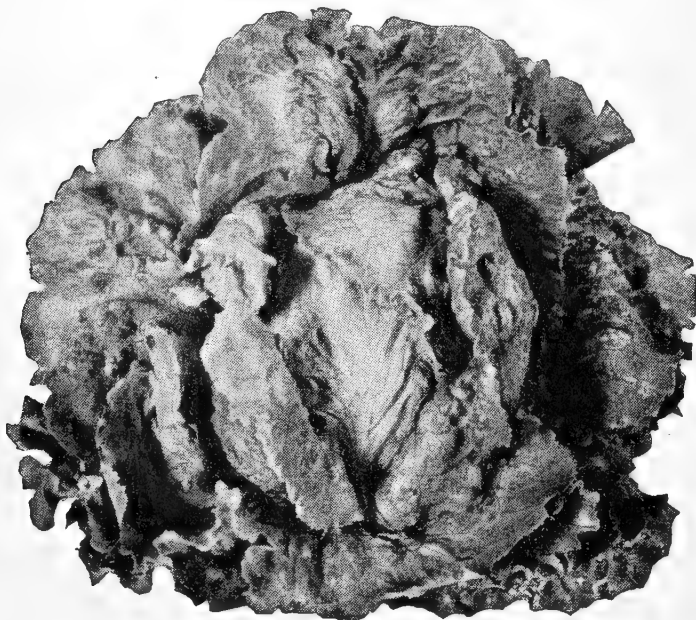
Ohio Grand Rapids. Like Grand Rapids except that the foliage is darker green, not so tender and will stand more abuse in handling. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.10.

Prizehead. A quick-growing sort with broad, crumpled, frilled, green leaves, tinged red on outside; crisp and sweet. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.10.

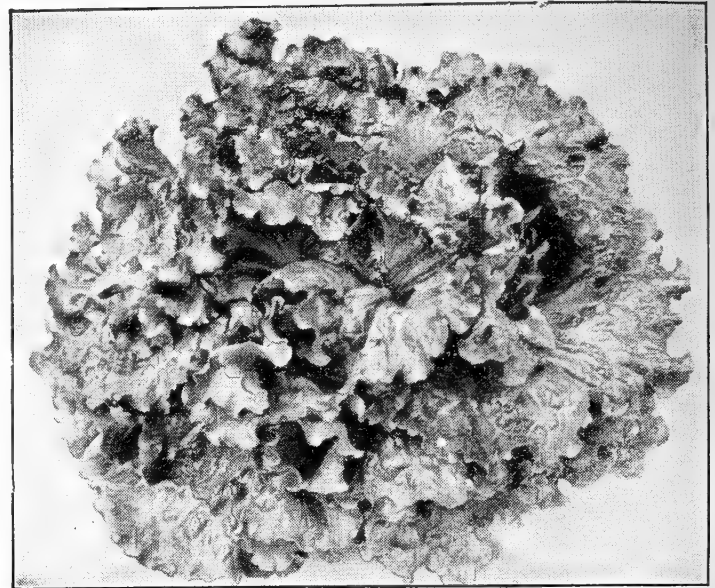
Heading Varieties

Big Boston. ★ Large, compact heads of rich buttery quality, but will not ordinarily "head up" for the home-gardener unless it is started indoors or sown very early so as to mature before warm weather. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.10.

Crisp-As-Ice. Makes a solid head of medium size. Unusually hardy, it is desirable for fall sowing. The outer leaves are dark bronzy green, crumpled and heavy in texture; inner leaves creamy yellow, crisp and sweet. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.60.



New York or Wonderful Lettuce



Black-Seeded Simpson Lettuce

HEADING VARIETIES, continued

Iceberg. Outer leaves light green, tinged with brown at the edges; inner leaves white, crisp, firm and sweet. Popular both with market gardeners and for the home-garden. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.60.

Imperial 44. An Iceberg type particularly adapted to eastern conditions. The heads are solid and quite free from tipburn and other bothers. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.40.

Improved Hanson. ★ The plants are of good size; outer leaves medium green, somewhat crinkled; inner leaves blanched white. A dependable summer Lettuce. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.10.

May King. An early Butterhead Lettuce of superb quality, and an ideal sort for early spring planting. Solid heads of medium size, with light green outer leaves and rich golden yellow hearts. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.10.

New York, or Wonderful. ★ It grows slowly but makes a fine heavy head and remains in prime condition for several weeks. The outer leaves are dark green; the inner blanch to creamy white. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.40.

White Boston. ★ Head of medium size and compact, with creamy yellow heart. Excellent quality. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.10.

Dark Green Cos or Romaine. Leaves green and when fully blanched are white with only the faintest tinge of green. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.60.

White Paris Cos, or Romaine. Cos Lettuce can be grown in the hottest weather and, when properly blanched, it is crisp, tender, and of excellent flavor. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.60.

LEEK

Sow the seed in shallow drills early in the spring and when the plants are about 5 inches high, transplant them 6 to 8 inches apart in rows, and cultivate frequently. At the time of transplanting it is a good plan to cut back the plants about a third of their height. The stalks are best when blanched by drawing earth up around them.

An ounce of seed will sow 150 feet of row; 4 pounds will produce sufficient plants for an acre

Large London Flag. The hardiest and most generally cultivated variety. Broad stalks of strong flavor. Pkt. 10 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1, $\frac{1}{4}$ lb. \$3.50.

Musselburg. Grows larger and is milder in flavor than the preceding. Pkt. 10 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1, $\frac{1}{4}$ lb. \$3.50.

★ WHEN IN DOUBT, ORDER THE STAR VARIETIES

MUSKMELON or Cantaloupe

Melons grow best in a light, warm, well-enriched soil. Since they cannot be sown outdoors until warm weather, and require a long growing season, it is a good plan, in this part of the country, to start the seed in a hotbed or box indoors, using inverted sods or dirt-bands, as recommended for early cucumbers. Plant them in the garden, in hills 5 to 6 feet apart, digging the soil to a depth of a foot and mixing in plenty of manure or fertilizer with the bottom soil. No more than three or four strong plants should be left in each hill.

*An ounce of seed will plant about 50 hills;
2 to 3 pounds will plant an acre*

Emerald Gem. ★ An early, prolific melon. The fruits are small, decidedly flattened and deeply ribbed; the skin is dark green and the flesh is unusually deep and solid, bright orange in color clear to the rind, and of remarkably fine quality. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Extra-Early Hackensack. A large, round melon, slightly flattened at the ends. The skin is ribbed and netted; the flesh is thick, light green in color, and of good quality. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Honey Dew. The fruits are very large, with thin, hard, smooth, pale green rind and thick green flesh which remains firm and crisp for a long time. Requires a long growing season. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Imperial. ★ Netted yellow fruit with orange flesh. A fine cropper, even in hot, dry seasons. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Osage, or Miller's Cream. The fruits are large, slightly elongated, with lightly netted dark green skin and thick, firm, orange flesh of fine flavor. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Rocky Ford. The fruits are medium small, oval in shape, slightly ribbed and covered with a coarse, gray netting. Flesh green and remarkably sweet. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Tip-Top. ★ Probably the most dependable melon for this region. Medium early and productive, bearing large, round, ribbed and netted fruits with thick, sweet, orange flesh. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

WATERMELON

In general, Watermelons require the same treatment as muskmelons. Start the plants in a hotbed, if possible, to save time, for they require a long growing season. It is not safe to sow seed outdoors until the last of May. Prepare the hills carefully, spacing them 8 to 10 feet apart and digging them deep, mixing in each a couple of shovelfuls of manure or a little commercial fertilizer. To protect the seedlings as much as possible, sprinkle them with arsenate of lead powder or tobacco dust. Water freely in dry spells.

An ounce will plant about 20 hills; 4 pounds will plant an acre

Kleckley Sweets. The fruits grow about 20 inches long and 10 inches in diameter, with thin green rind and bright scarlet flesh. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Pride of Muscatine. ★ Wilt-resistant. Flesh light pink, sweet, and good. In size, general form, and color of the skin, it resembles Kleckley Sweets. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Sweetheart. ★ Large, heavy fruits, nearly round, with a thick, mottled light and dark green rind and firm red flesh. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Tom Watson. Fruits 24 inches long and about 12 inches in diameter, with a thin, tough, mottled green rind and rich red flesh of good quality. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

GARDEN GUIDE

The most popular general garden handbook ever published.
576 pages, 300 illustrations. \$2.



Emerald Gem Muskmelons

CITRON

A form of melon used only for preserving, as the flesh is not edible when raw. Citrons are grown in the same way as watermelons; they are prolific and not so particular as to soil. Home-preserved Citron is much superior to that handled in the stores in a dried or candied form.

Green-Seeded. Also called "Colorado Preserving." Fruits large and oblong. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Red-Seeded. Flesh firm, with comparatively few seeds. Fruits round. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

MUSTARD

The young, tender leaves make piquant salads and are delicious as well as healthful as boiled "greens." Make frequent sowings during the spring months, commencing as soon as the ground can be prepared, in shallow drills 12 to 15 inches apart. Thin out to 10 inches between plants. Mustard can also be forced in frames or in the greenhouse during winter.

An ounce of seed will sow about 75 feet of drill

Fordhook Fancy. A dark green variety of robust growth, more curled on the edges than any other sort. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Southern Giant Long Standing. ★ The plants grow 2 to 3 feet high, producing quantities of broad, succulent leaves which are handsomely curled and fringed. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Spinach Mustard, Tendergreen. A rapid-growing Mustard with narrow, thick, dark green leaves. Has a delicious spinach flavor. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

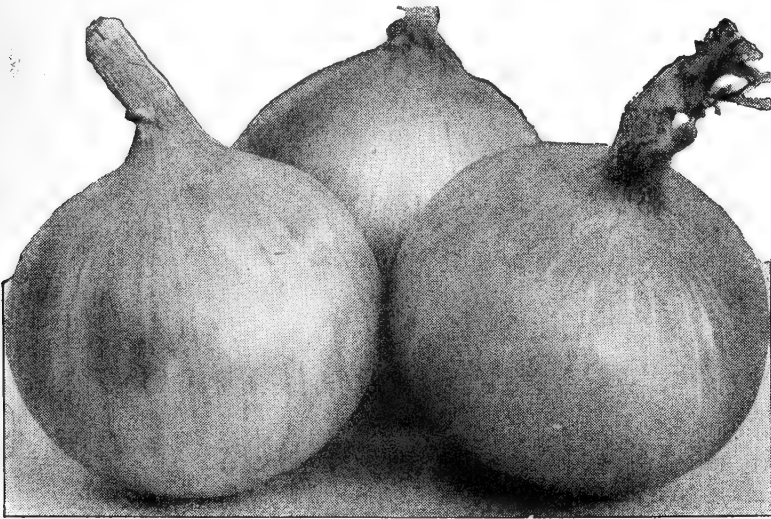
OKRA or GUMBO

Grown for its seed-pods, which are pickled when young, before they get tough, and used for flavoring and thickening soups. Sow late in May, in drills about an inch deep and $2\frac{1}{2}$ feet apart and thin out to about 1 foot apart in the row. For an early crop, start seed in the hotbed late in March.

*One ounce will sow about 25 feet of row;
20 pounds will sow an acre*

White Velvet. An early, low-growing variety. Pods of medium size; light green. Very productive. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Long Green. ★ A tall-growing variety which bears quantities of deep green pods that average 4 to 5 inches in length at the edible stage. Slow to ripen. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



Yellow Globe Danvers Onions

ONION

Small Onions from Seed. Easily grown from seed sown in fine, well-prepared soil early in the spring, the seed covered with a little fine soil pressed down firmly above it. When the seedlings are 3 to 4 inches high, thin them out to stand about 2 inches apart.

Large Onions from Seed. If possible sow seed in hotbeds early in February, thinning the seedlings enough to prevent crowding, and transplanting to the open ground early in May, spacing them 4 to 6 inches apart, depending on variety. If hotbeds are not available, sow the seed in the garden as early as the soil can be put in shape. Thin promptly.

*An ounce of seed will sow about 100 feet of row;
5 to 6 pounds will sow an acre*

Ailsa Craig. One of the largest Onions grown. Globular in form, with pale straw-colored skin and crisp white flesh, very mild in flavor. A heavy cropper and an excellent keeper. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.90, lb. \$6.50.

Large Red Wethersfield. Similar in shape and color to Extra-Early Red, but larger and two weeks later. Productive and an excellent keeper. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.90, lb. \$6.50.

Prizetaker. ★ A fine selection of the giant Spanish Onion, which will, if planted early, produce bulbs 4 inches or more in diameter. It makes handsome, uniform, globe-shaped bulbs with thin, pale yellow skin and mild, sweet, white flesh. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50, lb. \$9.

Southport White Globe. ★ The largest and handsomest of the white Onions, also the best keeper. The bulbs are uniformly globe-shaped with pure white skin and fine-grained, solid flesh of sweet, mild flavor. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50, lb. \$9.

Yellow Sweet Spanish. A popular large yellow variety of Spanish origin. Globular in shape with golden yellow skin and clear white flesh. Very sweet and of pleasing flavor, firm and mild. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50, lb. \$9.

White Bunching. ★ A very quick-growing Onion of mild flavor, fine for early spring use. Good size; skin and flesh pure white. Pkt. 10 cts., oz. 70 cts., $\frac{1}{4}$ lb. \$2.35, lb. \$8.50.

White Portugal, or Silverskin. Full-grown bulbs are large and flat; not a good keeper but extra-fine in quality. If grown for young pickling Onions, sow the seed at the rate of 25 pounds per acre. Pkt. 10 cts., oz. 70 cts., $\frac{1}{4}$ lb. \$2.35, lb. \$8.50.

Yellow Globe Danvers. ★ Productive and medium early; bulbs large, solid, nearly globe-shaped, with yellowish brown skin and pure white flesh, crisp, sweet, and mild in flavor. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.90, lb. \$6.50.

VEGETABLE GARDENING IN COLOR by Daniel J. Foley. 150 color illustrations, numerous sketches, complete instructions on how to grow vegetables—pest control—storage—cooking hints, etc. 256 pages, \$2.50.

ONION SETS

By starting with sets, small green Onions can be produced very early and large Onions can be harvested about August 1. Plant sets as soon as the ground is ready; push them into the soil but do not cover them over, allowing 2 to 4 inches of space between, depending on whether small or large Onions are wanted.

Yellow or White. Qt. 50 cts., postpaid.

Potato Onion Sets. Qt. 50 cts.

Garlic Sets or Bulbs. Qt. 50 cts.

Prices on larger quantities quoted on request.

PARSLEY

Sow the seed as early in the spring as possible, half an inch deep. The seed is very slow to germinate, sometimes requiring six to eight weeks. Soaking it in lukewarm water for a few hours before sowing will help to hasten it. Thin to stand about 4 inches apart. Parsley beds may be carried over winter in a frame or by mulching with leaves or straw.

An ounce of seed will sow 150 feet of drill; 8 pounds will sow an acre

Champion Moss Curled. Can be cut the year round. Leaves attractively crimped and curled. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Double-Curled. ★ Bright deep green curled and fringed leaves. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Hamburg Turnip-rooted. ★ Grown for its roots, which resemble short, thick parsnips and are highly flavored; useful in soups and stews. Grow like carrots. Can be stored for winter use. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Paramount. A new and improved triple-curled variety. Unusually rich dark green foliage tightly curled. Ideally suited for home and market gardens. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Plain or Single. ★ The leaves are deeply cut but not curled. Stronger flavor than the curled, and preferred for soups, etc. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

PARSNIP

Prepare the ground as early as it can be worked and sow the seed half an inch deep, and when the plants are well up thin to 6 inches apart. The roots mature in the fall and, being perfectly hardy, may be left in the ground all winter, to be dug as needed. Their flavor is improved by freezing.

An ounce of seed will sow 150 feet of row; 8 pounds will sow an acre

Guernsey. Thicker at the top and not quite so long as some; consequently, a better variety to grow on shallow soils. Good quality. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Hollow Crown. ★ Long, smooth roots with white skin and fine-grained flesh. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Maltese Half-Long. An early variety of particularly fine quality. Roots rather short and thick. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

White Lisbon. The largest and most handsome variety. Fine quality. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.



Hollow Crown Parsnips

★ WHEN IN DOUBT, ORDER THE STAR VARIETIES

PEPPER

Peppers require a moderately rich and light soil, a long growing season, and plenty of warmth at all stages. Grow them like egg-plants, starting the seed indoors or in the hotbed in March, transplanting to pots or dirt-bands when the second or third leaf has developed, and resetting in the garden about June 1. Space the plants 2 to 2½ feet apart.

An ounce of seed will produce about 1,500 plants

Sweet Peppers

California Wonder. ★ Has thicker, firmer, heavier flesh than any other Pepper, and a deliciously sweet spicy flavor with no bite to it. Fruits are brilliant light crimson. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.50, lb. \$5.

Chinese Giant. The largest of all Peppers, often measuring 5 inches in length and diameter. Late but productive; flesh thick and very mild and sweet; deep red when ripe. Pkt. 10 cts., oz. 65 cts., ¼lb. \$1.75, lb. \$6.

Golden Queen. The largest, most productive, and finest yellow-fruited Pepper. Very heavy, unusually meaty, and strictly mild. Glossy golden yellow skin. Pkt. 10 cts., oz. 65 cts., ¼lb. \$1.75, lb. \$6.

Harris' Early Giant. Large, early variety about 4 inches long by 3 inches through. It is deep green, turning to red, and of sweet, pleasant flavor. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.50, lb. \$5.

Neapolitan. A solid, mild Pepper 4 inches long by 2 inches in diameter, and tapering irregularly from the shoulder. Glossy red when ripe. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.25, lb. \$4.

Pimiento. A select strain of the famous Spanish Pepper, the thickest-fleshed and choicest quality variety in cultivation. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.50, lb. \$5.

Ruby Giant. ★ Thick-fleshed and one of the largest of the early sweet Peppers. Deep green, changing to rich red when ripe. Handsome Pepper of fine quality. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.25, lb. \$4.

Ruby King. Early and productive. Bright red, averaging 4 inches in length and 3 inches in diameter, tapering to a blunt point. The flesh is quite thick and sweet. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.25, lb. \$4.

Squash or Tomato. Sweet as an apple; shaped like a tomato; 2 to 3 inches in diameter. Deep red. Pkt. 10 cts., oz. 65 cts., ¼lb. \$1.75, lb. \$6.

Sweet Spanish. A large, rich scarlet Pepper of exceptionally mild flavor. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.25, lb. \$4.

World Beater. ★ Later but larger and a little more blocky in shape than Ruby King; flesh quite thick and sweet; bright scarlet when ripe. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.25, lb. \$4.

Hot Peppers

Anaheim Chili. Late, hot variety for canning and drying. Fruits 6 to 8 inches long, 1 inch diameter. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.25, lb. \$4.

Bull Nose. ★ Fruits vivid scarlet when mature; medium in size, square and blunt-pointed. Generally considered a sweet Pepper but the flesh is sometimes quite hot. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.25, lb. \$4.

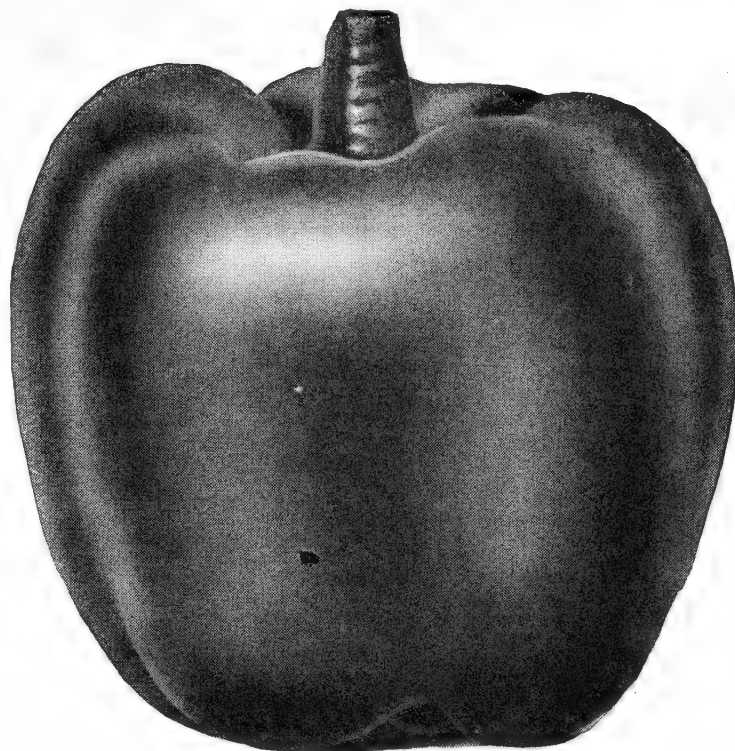
Hungarian Wax. ★ Fruits about 5 inches long and 1½ inches in diameter at stem end, tapering to a point. Waxy yellow and red when ripe. Hot. Pkt. 10 cts., oz. 65 cts., ¼lb. \$1.75, lb. \$6.

Large Red Cherry. Fruits erect, round or cherry-shape and very hot. Pkt. 10 cts., oz. 65 cts., ¼lb. \$1.75, lb. \$6.

Long Red Cayenne. ★ Pods about 6 inches long, slender and pointed, bright scarlet; flesh very hot in taste and pungent in odor. Pkt. 10 cts., oz. 65 cts., ¼lb. \$1.75, lb. \$6.

Small Red Cayenne. Bushy plants, loaded with little, slender pods, about 1½ inches long. Fiery hot. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.25, lb. \$4.

Squash or Tomato, Hot. Like Squash or Tomato except that it has a much stronger flavor. Pkt. 10 cts., oz. 65 cts., ¼lb. \$1.75, lb. \$6.



California Wonder Pepper

PUMPKIN

The seed should be sown as soon as the ground gets warm, in hills 6 to 8 feet apart, dropping from four to eight seeds in each hill. Pinch back the vines after they get 4 to 5 feet long. Spray the vines with Nicotine Pyrox.

*One ounce of seed will plant about 25 hills:
4 to 5 pounds will plant an acre*

Table Varieties

Large Cheese. Big, flat, handsome Pumpkins with light buff skin and yellow flesh. Prolific. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Livingston Cushaw. Crookneck shape; skin mottled green and white; flesh yellow, fine-grained and sweet. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Mammoth Golden Cushaw. A large crookneck with golden orange skin and deep, rich yellow flesh of the very finest quality. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Small Sugar. ★ Small but productive and of splendid quality. Fruits round with bright orange skin and thick, sweet flesh. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Tennessee Sweet Potato. Sweet, tender, yellow flesh. One of the extra-good pie Pumpkins. Bell-shaped in form. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Winter Luxury. ★ Flesh golden russet color, of extra-fine flavor. Pumpkins medium size, with netted skin. Unusually fine sort. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Stock-Feeding Varieties

Connecticut Field. ★ Very productive; fruits oblong with bright yellow skin and rather coarse flesh. Usually grown for stock. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50, 5 lbs. \$7.

Kentucky Field. A heavy-yielding variety used principally for stock feed. Fruits large, deep orange, flesh deep yellow, coarse, and of good flavor. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50, 5 lbs. \$7.

King of Mammoths. ★ Round, flattened at the ends, with golden orange skin and deep yellow flesh of fair quality. A good keeper. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.

**PLAN YOUR GARDEN CAREFULLY. DON'T WASTE SEED.
FOOD WILL HELP WIN THE WAR.**

GARDEN PEAS

Peas can be sown very early in the spring, the hardy round-seeded varieties even as early as March 1. For the first sowings use the smooth or round-seeded sorts, but after the first of April change to the wrinkled kinds which, although not so hardy, are much superior in quality. Make additional sowings every two weeks up to July 1 for a continuous supply all summer, but arrange to put the May and June plantings on deep, rich soil where you can conveniently water them during dry weather. The seed should be covered about 2 inches deep, or somewhat deeper in warm, dry weather. The dwarf varieties require no support, but the tall sorts should be provided with bush or wire to support the vines.

**For Increased Yield
Inoculate This Seed
with LEGUME-AID.**

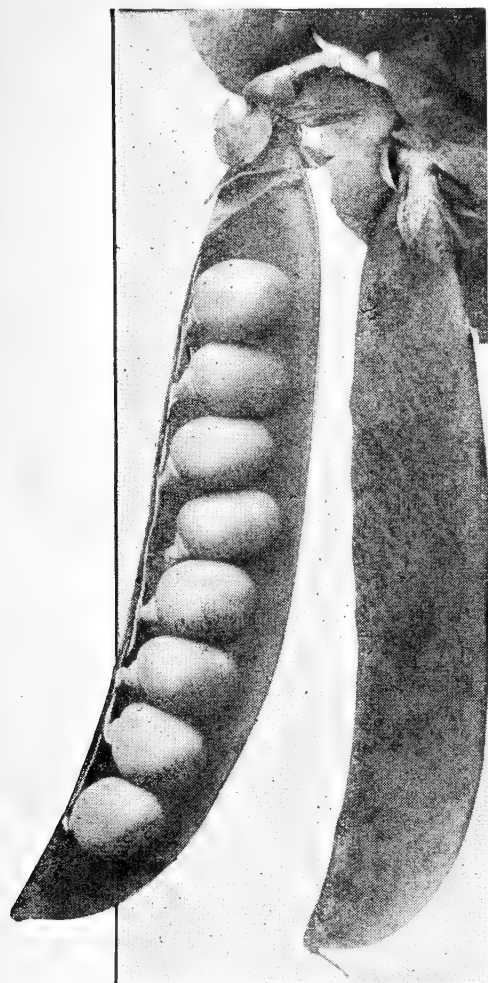
A quart of seed will sow 100 feet of single row; 1 to 1½ bushels will sow an acre

Hardy Round-seeded Peas

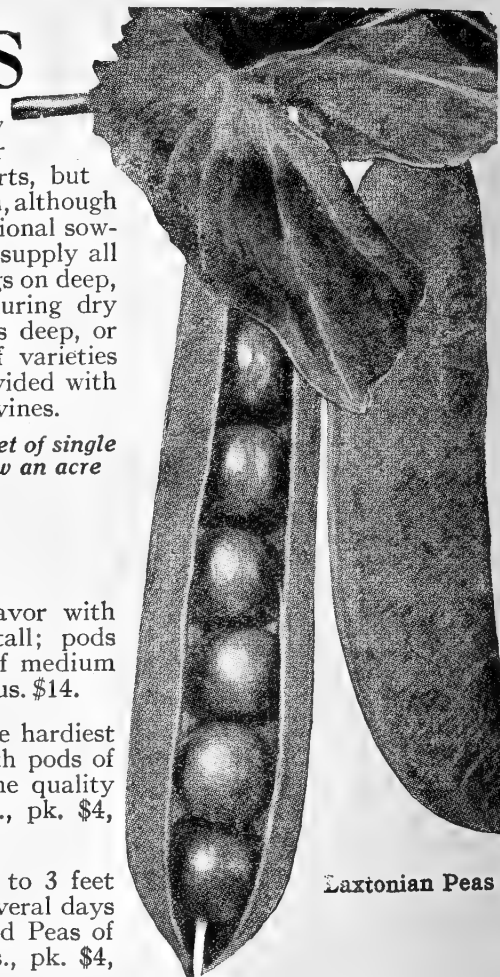
Alaska. A very productive smooth Pea, long in favor with market-gardeners and canners. About 2½ feet tall; pods rather small, ripening all at once; Peas small and of medium quality. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

Carter's Eight Weeks. ★ The earliest and one of the hardiest Peas in cultivation. About 16 to 18 inches high with pods of good size for so early a sort. Peas large and of fine quality when young. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

Market Surprise. An extra-early sort, growing 2½ to 3 feet tall. It is about the same season as Alaska, being several days later than Eight Weeks, but the pods are larger and Peas of better quality. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.



Potlatch Peas



Laxtonian Peas

Early Wrinkled Peas

Gradus, or Extra-Early Telephone. A grand old standby and a most dependable producer. Vines 3 feet high; pods about 4 inches long, broad and slightly curved, containing 7 to 9 Peas of excellent quality. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

Laxtonian. ★ Of the same general type as Pioneer but a trifle taller and the pods and Peas are darker green. Quality of the best. Pkt. 10 cts., ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

Laxton's Progress. ★ This dwarf, early sort comes in a few days earlier than Laxtonian. The Peas are deep green, of excellent flavor, fully wrinkled, and average 9 or 10 to the pod. Grows 18 inches high. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

Little Marvel. ★ A very dwarf, large-podded variety which comes into bearing after Gradus. The vines grow about a foot high and bear big crops of 3¼-inch pods, containing large Peas of excellent flavor. Pkt. 10 cts., ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

Nott's Excelsior. Same height and season as Little Marvel but the pods and Peas are smaller. Good quality and very prolific. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

Pioneer. ★ One of the earliest of the wrinkled kinds. The vines grow about 16 inches tall, bearing very large, curved pods, medium green in color, filled with large Peas of fine quality. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

Thomas Laxton. As early as Gradus and grows to the same height. The pods are always crammed full of large, tender Peas of most superb quality. Desirable for the market-garden. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

NOTE: One pint of Peas weighs about 1 lb. and 1 quart about 2 lbs. One bushel of round-seeded varieties weighs 60 lbs. and 1 bushel of wrinkled varieties weighs 56 lbs.

EARLY WRINKLED PEAS, continued

World's Record. The earliest wrinkled Pea. It closely resembles the old standard Gradus, but is a few days earlier and the pods are a shade smaller. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

Main-crop Varieties

Alderman. ★ Vines strong and vigorous; leaves and pods rich dark green; productive; quality the finest; matures with Telephone. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

Dwarf Telephone. Also known as "Daisy." A little earlier than Potlatch, growing 2½ feet tall, with 4½-inch pods, containing 7 or 8 Peas of the very best quality. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

Improved Telephone. Grows 4 feet high, with pods 4½ inches long, light green in color, and filled with 8 to 10 extra-large Peas. Bears several good pickings. Quality fine. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

Mammoth-Podded Sugar. A tall, late, prolific variety which produces big, broad pods, so tender and sweet that the whole pod can be cooked and served like snap beans. If you have not grown sugar-pod Peas, be sure to try them this year. ½pt. 30 cts., pt. 45 cts., qt. 90 cts., pk. \$4.25, bus. \$15.

Potlatch. ★ Dwarf growth and extra-fine quality. Vines luxuriant, 2 feet high; pods deep green, 5 inches long and quite broad; Peas large and tender, often 10 to a pod. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

Prince Edward. Matures with Telephone; vines medium green, pods dark green in color. Highly recommended. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., pk. \$4, bus. \$14.

Wyoming Wonder. An excellent variety for both market gardeners and the home-garden. Plant stocky and dark green; pods round, dark green, containing 8 to 10 large, succulent Peas. Resistant to Fusarium wilt. ½pt. 25 cts., pt. 45 cts., qt. 75 cts., pk. \$4, bus. \$14.

RADISHES

An extra-early crop can be grown in the hotbed from seed sown in February or early March. Start outdoors as soon as the ground can be put in shape and sow seed of any of the quick-growing round or olive-shaped sorts, not too thick, in drills a half inch deep and 1 to 1½ feet apart. Thin out the seedlings promptly to stand about an inch apart in the rows. Keep them growing fast by hoeing or cultivating every two or three days, otherwise they become pithy and bitter. After putting in seed for the first crop, make additional sowings every ten days to two weeks, but for the later crops, which will ripen in warm weather, use the long varieties. For late summer and fall use, sow the Summer and Winter Radishes which are larger and slower growing but will, unlike the early round Radishes, thrive in hot weather. The Summer Radishes may be sown any time up to August 1. The big Winter Radishes should be sown late in June to attain full size before frost.

*One ounce of seed will sow about 100 feet of drill;
8 to 10 pounds will sow an acre*

Early Radishes

Cincinnati Market. ★ A popular home- and market-garden variety. Roots long; skin rosy scarlet; flesh clear white, very brittle and mild. Popular for forcing. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Crimson Giant. ★ The largest of the early, round Radishes, maturing in about four weeks from sowing. Handsome, deep red, globe-shaped roots. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

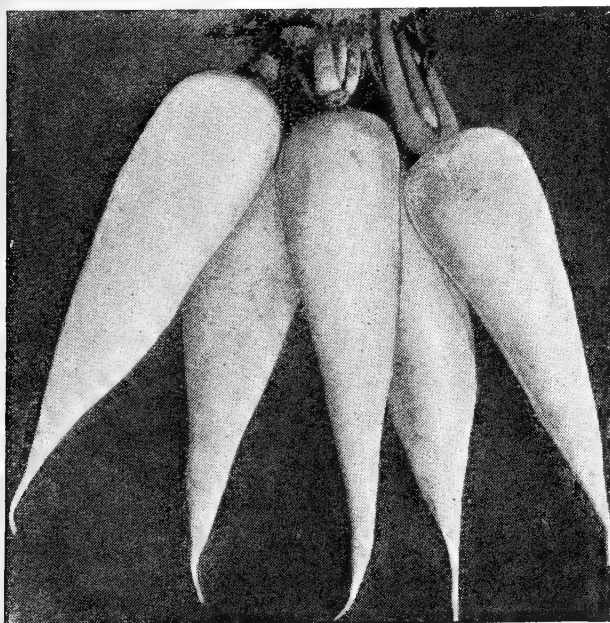
Early Scarlet Globe. ★ Matures medium-sized, elongated, globe-shaped, clear rosy scarlet roots in about four weeks from sowing. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Early Scarlet Turnip. ★ Roots of medium size, round, smooth, bright red; tops small. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

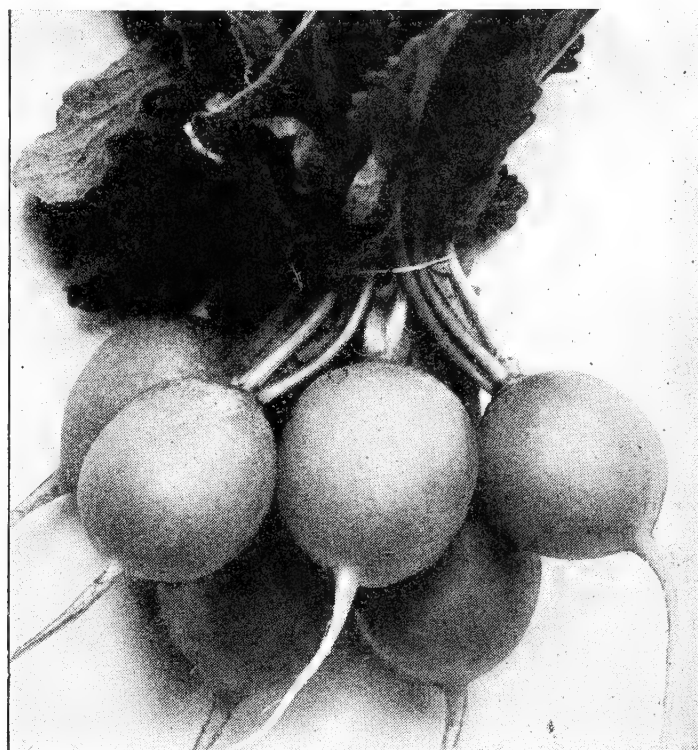
Early White-Tip Forcing. For forcing in frames or for early spring planting. Round, bright scarlet with clear white tip; small leaves. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

French Breakfast. An oblong or olive-shaped Radish of very fine quality. Early; bright carmine with clear white tip. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Icicle. ★ It grows quickly, making handsome, long, smooth roots with pure white skin and crisp, mild flesh. Reliable for either spring or summer use. Suitable also for forcing. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.



White Strasburg Radishes



Early Scarlet Globe Radishes

EARLY RADISHES, continued

Non Plus Ultra. Ready for the table in 20 days from planting. Roots small, uniformly globe-shaped, and smooth, with brilliant scarlet skin and crisp white flesh. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Sparkler. Tops small; roots deep turnip-, almost globe-shape, bright scarlet with pronounced white tip. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Summer Radishes

Chartier, Improved. Intermediate in season between the early and the Summer Radishes. Roots 7 to 8 inches long, bright rose with white tip. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

White Lady Finger. Resembles Icicle but grows more slowly and is particularly desirable for late sowings as it retains its fine, crisp quality for a long time, even in the hottest weather. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

White Strasburg. ★ A long, oval Summer Radish of handsome appearance. Roots about 5 inches; skin and flesh pure white; remains firm and brittle longer than most sorts. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

White Stuttgart. ★ A large, late, pure white kind, with almost round or top-shaped roots 4 inches in diameter. Of good quality and a good keeper. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Winter Radishes

Celestial, or White Chinese. ★ Cylindrical in shape, often 8 inches long and 3 inches in diameter; skin and flesh pure white. Of fine quality and a good keeper. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

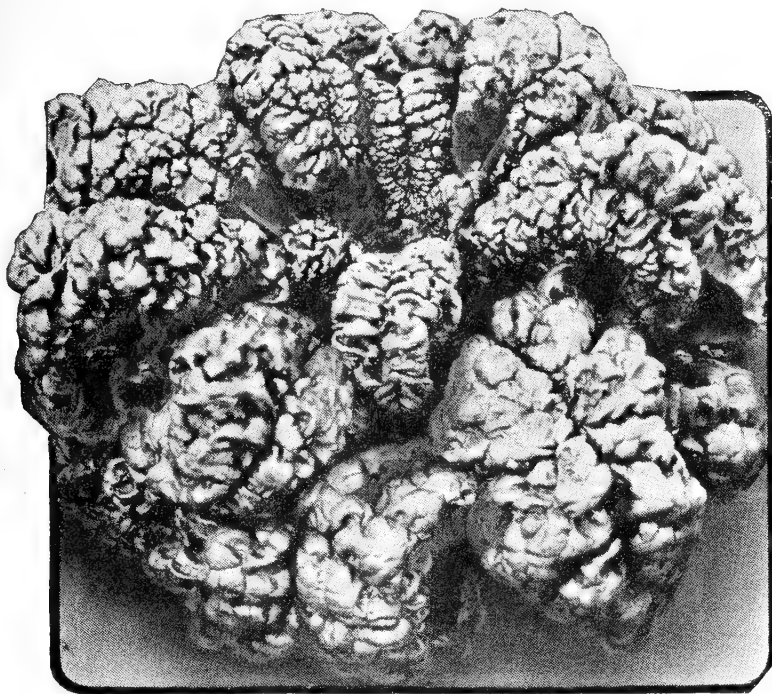
Chinese Rose. Roots 4 to 5 inches long, cylindrical, or larger near the bottom; skin smooth, bright rose in color; flesh white, crisp and tender. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Long Black Spanish. One of the hardiest and best keeping sorts. Roots 7 to 9 inches long and 2 to 3 inches in diameter at the top, tapering to an abrupt point. Skin black, flesh clear white and of fine quality. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Long White Spanish. Exactly like the preceding except in color of skin. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Round Black Spanish. ★ Similar to the Long Black Spanish. Roots nearly round, 3 to 4 inches in diameter. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

★ WHEN IN DOUBT, ORDER THE STAR VARIETIES



Summer Green Spinach

SPINACH

Start the first crop in drills an inch deep as soon as the ground can be made ready in the spring, and follow this with successive sowings every ten days up to the middle of May. Make additional sowings in August and September for fall use. Thin the plants to stand about 5 inches apart. To provide Spinach during hot weather, when ordinary varieties do not thrive, make a sowing of the heat-resistant New Zealand Spinach about May 1. For extra-early Spinach in the spring, sow one of the hardy sorts late in September and protect the plants over winter.

*One ounce of seed will sow about 100 feet of drill;
14 to 15 pounds will sow an acre*

Bloodsdales Savoy-Leaved. ★ (Reselected.) Very hardy and consequently most desirable for autumn and early spring use. The plants are upright and vigorous, with thick crumpled leaves. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts., 5 lbs. \$3.75, 10 lbs. \$7, 25 lbs. \$16.25.

Bloodsdales (Long-Standing). ★ A very early, blight-resistant hardy sort that is much planted for market and canning. Leaves curled and wrinkled. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts., 5 lbs. \$3.75, 10 lbs. \$7, 25 lbs. \$16.25.

Improved Large Round Thick-Leaved. A hardy, vigorous sort, particularly valuable to market-gardeners for early spring sowing. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts., 5 lbs. \$3.75, 10 lbs. \$7, 25 lbs. \$16.25.

Juliana. ★ Grows close to the ground and has dark green, crumpled leaves that keep fresh-looking and retain their crispness a long time. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts., 5 lbs. \$3.75, 10 lbs. \$7, 25 lbs. \$16.25.

King of Denmark. Stands a week or two longer before shooting to seed than any other sort. Leaves are thick, crumpled, and dark green. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts., 5 lbs. \$3.75, 10 lbs. \$7, 25 lbs. \$16.25.

New Zealand. A distinct type of Spinach which makes large, bushy plants, often 3 feet in diameter. Only the young leaves and tips of the branches are used and the more they are picked, the faster the plant seems to grow. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Summer Green. ★ Stands in marketable condition a long time. Leaves intensely crumpled, blistered and very uniform, deep glossy green. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts., 5 lbs. \$3.75, 10 lbs. \$7, 25 lbs. \$16.25.

SPINACH, continued

Triumph or Long Season. Leaves broad, somewhat crumpled, tender, and of fine flavor. For spring and early summer. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts., 5 lbs. \$3.75, 10 lbs. \$7, 25 lbs. \$16.25.

Victoria. Leaves very large and thick, deep green in color, and of superior quality. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts., 5 lbs. \$3.75, 10 lbs. \$7, 25 lbs. \$16.25.

Virginia Savoy-Leaved, Blight-Resistant. This is a cool-weather variety that is resistant to "yellows" and mosaic disease, and has distinctly savoyed leaves. Matures in 35 days. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts., 5 lbs. \$3.75, 10 lbs. \$7, 25 lbs. \$16.25.

SWISS CHARD. See page 5

RHUBARB

It is cheapest to start with seed but only a percentage of the plants grown from seed will be worth saving. Sow early in the spring, in drills an inch deep and a foot apart, and thin the plants to stand about 5 inches apart. The following spring, reset the best plants 3 to 4 feet apart each way. If you start with roots, plant them with the crown about 1 inch below the surface. Give water, if needed, while the plants are producing and dress with manure every year after the cutting season is over.

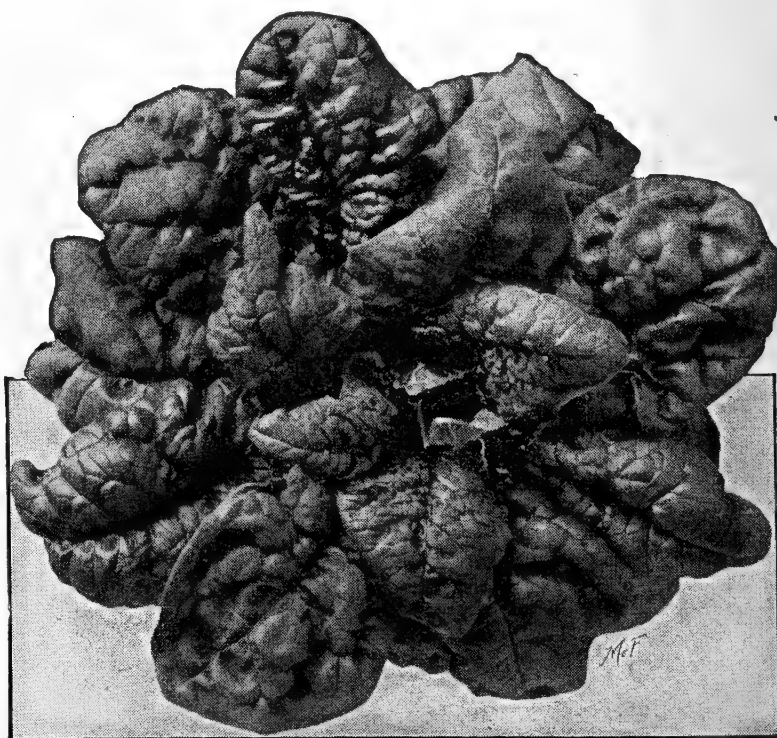
Victoria. This is the best all-round variety. Productive and comes fairly true from seed. Seed, pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts. Roots, 20 cts. each, \$2 per doz.; postpaid, \$2.25 per doz.

SALSIFY

Often called "Vegetable Oyster" or "Oyster Plant" on account of its flavor. Sow the seed early, as the plants require a long season to attain full size; cover about an inch deep and thin to 3 inches apart. Roots may be left in the ground all winter and dug as needed.

*One ounce of seed will sow about 50 feet of drill;
10 pounds will sow an acre*

Mammoth Sandwich Island. The best variety. Roots often 10 to 12 inches long, tender, and of delicious flavor. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.



Bloodsdales Savoy-Leaved Spinach

★ WHEN IN DOUBT, ORDER THE STAR VARIETIES

SQUASH

Sow the seed in hills, about 4 feet apart each way for the summer varieties and 10 to 12 feet for the late or winter sorts. Do not sow, however, until the soil is warm and dry. The Squash vine borer may cause some trouble during the season but can be discouraged by sprinkling tobacco dust close around the plants. Covering the vines with a little soil at several joints so that they take root there will also help to limit its destructiveness. The black Squash bug can best be kept in check by hand picking; spraying with calcium arsenate is the proper remedy for the striped beetle.

*One ounce of Squash seed will plant 15 to 20 hills;
3 to 5 pounds will plant an acre, according to variety*

Summer Squash

Black Zucchini. Cylindrical and of uniform thickness; rind dark green; flesh firm and of delicate flavor. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Cocozelle (Italian Vegetable Marrow). Bushy plants, requiring little space, produce many oblong fruits averaging a foot long; green skin, mottled and striped with yellow and darker green. Quality extra-fine. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Fordhook. An excellent variety, suitable for both summer and winter use. The fruits are oblong, 8 to 10 inches long, with thin, light yellow skin and thick, straw-colored flesh. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Mammoth White Bush. ★ One of the earliest. Compact in growth and prolific, with round, ivory-white fruits, with scalloped edges. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Yellow Summer Crookneck. Long, curved fruits with thin, golden yellow, warted skin; sweet, tender flesh. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Winter Squash

Acorn (Table Queen). ★ A small thin-skinned, greenish black Squash with dry, mealy flesh of wonderful flavor. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Boston Marrow. A productive late variety, shaped like the well-known Hubbard, with orange skin and thick flesh. A good keeper. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

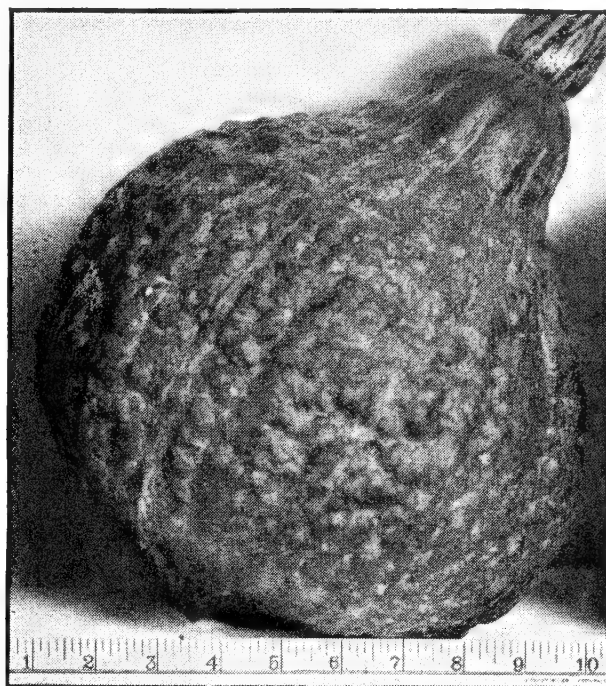
Golden Hubbard. ★ True Hubbard shape but earlier, a trifle smaller, and the skin is a rich orange-red in color. Flesh deep orange, dry and sweet; an excellent keeper. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Improved Hubbard. A selection from the old Hubbard, with more vigorous vine and slightly larger fruits. Skin smooth, dark green; flesh deep yellow and of superb quality. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.

Warted Hubbard. ★ The skin is heavily warted and very dark green, almost black, in color. The best keeper of the Hubbard type. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.50.



Mammoth White Bush Squash



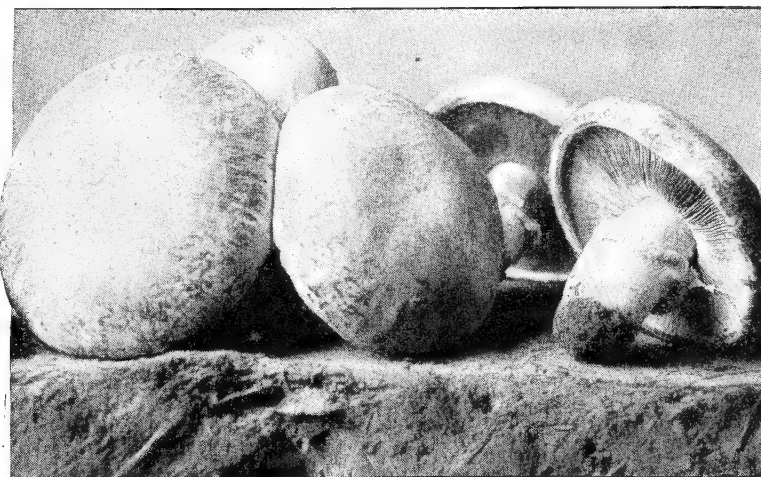
Golden Hubbard Squash

TOBACCO

For best results, Tobacco requires a rich, mellow soil and careful cultivation. Sow the seed in frames or a fine seed-bed early in April and reset the plants in the open ground late in May or early in June, spacing them 2 feet apart in rows 4 feet apart. Cultivate frequently.

Connecticut Seed-Leaf. One of the hardiest and most popular sorts. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts.

Havana. True type; productive and of finest quality. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts.

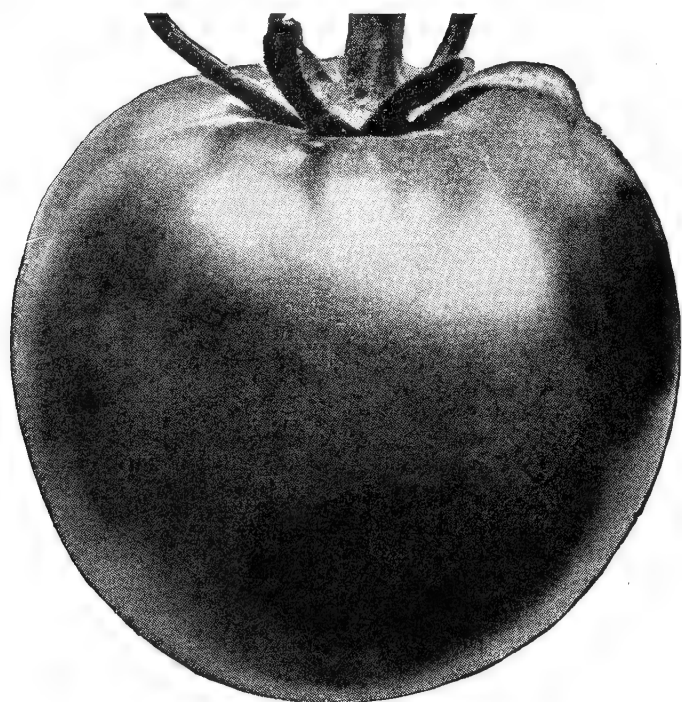


Mushrooms

MUSHROOMS

Anyone who has a cellar or dark room where the temperature can be kept at from 50 to 60 degrees, can grow Mushrooms of surpassing tenderness and flavor. We furnish special printed directions free with each order, or for 25 cents we will send, postpaid, an illustrated booklet on Mushroom culture which gives the latest improved methods of growing as well as full instructions for preparing for market and recipes for cooking.

Spore-Culture Mushroom Spawn, Northern-Grown. Pure and vigorous. In the form of compressed bricks, each of which will plant about 16 square feet of bed. Brick 30 cts., 10 bricks \$2.50, 50 bricks \$11, 100 bricks \$20.



Break O'Day Tomato

TOMATOES

The seed should be sown indoors in late February or March, in shallow boxes or pots placed in a warm, sunny window. As soon as the little plants are strong enough, thin or transplant them to stand 3 to 4 inches apart; then when they are about 3 inches high transfer them to small paper pots or dirt-bands. To secure extra-strong, stocky plants, transfer them again, when 6 to 8 inches tall, to larger pots. When all danger from frost is past, set them out in the garden, spacing them about 4 feet apart each way. To guard against blight, spray the plants with Bordeaux Mixture or Sulfocide two or three times during the season; arsenate of lead will kill the Tomato worms.

*An ounce of seed will produce about 2,000 plants;
4 ounces should give sufficient plants for an acre*

Early Varieties

Asgrow Cardinal. Semi-globular fruits of the Stone type, perfectly smooth, and of a deep scarlet-red color. A meaty variety with small seed-cavity. Large, heavy, prolific vines. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

Bonny Best. ★ To follow Earliana or John Baer. It is remarkably productive with large, round, smooth fruits in handsome clusters. Uniform in size and shape, solid, free from cracks, bright scarlet in color. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

Break O'Day. ★ Fruits are of good size, smooth and the quality of fruit is exceptional compared to other early-maturing varieties. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

Chalk's Early Jewel. An enormous producer. The fruits are a little larger than Bonny Best, slightly flattened in shape and bright scarlet in color, always solid, with hard, smooth skin. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Earliana, Spark's. This is the original Earliana Tomato. The plants are compact, with light foliage; the fruits are of good size, bright red, and quite solid. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

Early Detroit. A pink-fruited Tomato. Fruits nearly round, firm, and of fine quality. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

John Baer. ★ Early. The fruits are of good size, perfectly smooth, and nearly globe-shaped, with brilliant scarlet skin and firm flesh, entirely free from core and with few seeds. The flavor is mild and deliciously sweet. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

EARLY TOMATOES, continued

June Pink. The best extra-early pink or purplish colored Tomato, similar to Earliana in earliness and in most other respects except color. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

Marhio. Fruit of a very attractive dark rosy pink. A vigorous grower, heavy cropper, wilt-resistant, free from cracks and excellent for fall forcing. Pkt. 15 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

Pritchard. ★ Early. Fruits scarlet within and without, firm and meaty, with no core and practically no seed-pockets. Outstanding for its remarkable productiveness. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Scarlet Dawn. A second- or medium-early sort. Very firm, brilliantly colored, globe-shaped fruits. Wilt- and rust-resistant. Pkt. 15 cts., $\frac{1}{2}$ oz. 35 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Victor. A bright scarlet, extra-early variety awarded a Bronze medal in 1941 as one of the best new vegetables. Fruits ripen evenly; the plants are compact and should be set about 5 by 3 feet apart. Pkt. 15 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.25, lb. \$8.

Second-Early and Main-Crop Varieties

Beefsteak. ★ Late; purplish pink; vines strong and vigorous; very little seed; large, solid fruit. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.25, lb. \$8.

Buckeye State. A very large, dark purple Tomato. Late but a heavy cropper. Fruits nearly globe-shaped, always smooth and solid. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

Dwarf Champion. Very dwarf and quite early; the fruits are of medium size, round and smooth with purplish pink skin. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.25, lb. \$8.

Dwarf Stone. Bushy, compact plants, bearing solid bright red fruits. Medium early. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.25, lb. \$8.

Greater Baltimore. A selection from Stone with all the good qualities of that fine old standby, but comes into bearing a little earlier. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Greater Marglobe. ★ As a result of extensive breeding work, this strain shows vast improvement over the original Marglobe in size and uniformity of fruits. We recommend it as the finest stock of this variety of Tomato. Pkt. 15 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.25, lb. \$8.

Livingston's Globe. ★ Heavy crops of good-sized, uniform, distinctly globe-shaped fruits with smooth, glossy, purplish rose skin. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.



Rutgers Tomatoes

Second-Early and Main-Crop Tomatoes, continued

Marglobe. ★ The fruits are of medium size, smooth, solid, and deep from stem to blossom end, with an irregular cell structure. In clusters of five to seven. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Matchless. A main-crop Tomato with bright red, solid fruits of excellent quality. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Oxheart. A main-crop, pink-fruited variety. Fruits are large, bulging, heavy and solid. In clusters of three to seven. Pkt. 15 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1, $\frac{1}{4}$ lb. \$3, lb. \$10.

Ponderosa. ★ Enormous fruits, which weigh as high as two pounds apiece. Somewhat irregular in shape but extremely solid and with very few seeds. Purplish pink. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.25, lb. \$8.

Rutgers. ★ A medium-early Tomato with disease-resistant plants. The sparkling red fruits are smooth, almost round, and very solid. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Stokesdale. Matures just before Marglobe. The fruits are smooth, brilliant red, with a very solid interior. A heavy yielder; excellent for canning and for making juice. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

Stone. An unusually productive, smooth, bright red Tomato. It is a favorite for canning and a most dependable sort for main crop in both market- and home-gardens. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

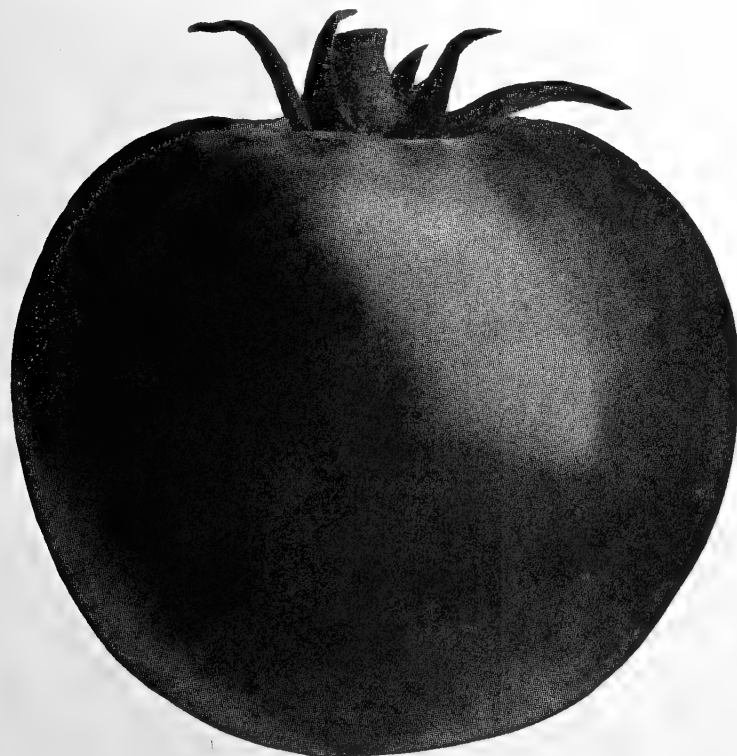
Yellow Varieties

Golden Queen. Good-sized, round, smooth fruits, bright yellow in color, solid and of splendid quality. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.25, lb. \$8.

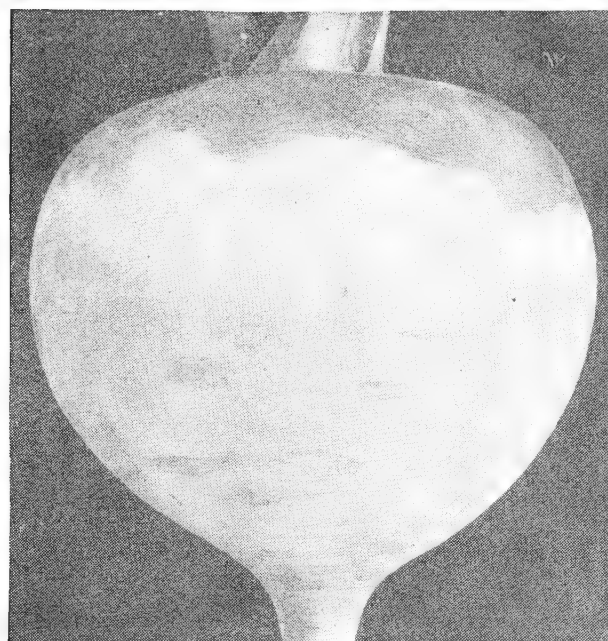
Yellow Oxheart. Like Oxheart in all respects except that the skin and flesh are a beautiful golden yellow. Pkt. 15 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1, $\frac{1}{4}$ lb. \$3, lb. \$10.

Yellow Plum. The fruits resemble a plum in size and shape but are bright yellow in color. Enormously prolific; in great demand for preserving. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2, lb. \$7.

Yellow Ponderosa. Skin clear golden yellow; flesh pale yellow, solid and meaty, mild and sweet. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.25, lb. \$8.



Greater Marglobe Tomato



Purple-Top White Globe Turnip

TURNIP

The main crop is usually sown in July or August, to mature during the fall, but early-season crops can be obtained by sowing the quick-maturing varieties as soon as the ground can be prepared in the spring. Sow the seed thinly and cover with $\frac{1}{2}$ inch of soil. The early sorts should stand 3 to 4 inches apart in the rows and the large main-crop Turnips about 6 inches.

*An ounce of seed will sow about 100 feet of drill;
a pound will sow an acre*

Cow Horn. Roots shaped rather like a carrot, often over a foot long and 3 inches in diameter. Skin and flesh white. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.40, 5 lbs. \$6.50.

Extra-Early White Milan. The quickest growing of the Turnips. The roots are small and flat with pure white skin and flesh; mild and sweet. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$1.75.

Purple-Top Strap-Leaf. ★ The roots are flat and quite large; skin white except for a ring of purple around the top; flesh white, fine-grained and of excellent table quality. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.40, 5 lbs. \$6.50.

Purple-Top White Globe. ★ The roots are large, nearly round, white with upper third purple. The flesh is firm and of good quality. Productive and a splendid keeper. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.40, 5 lbs. \$6.50.

Seventop. A variety widely grown throughout the South in regions of milder winters. Used extensively for winter greens. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.40.

Yellow Globe. Round, smooth roots of medium size, with light yellow skin and flesh. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.40.

Rutabaga or Swede Turnip

Rutabagas are grown much like garden Turnips but they require a longer season and attain a larger size. Sow during June or early July and thin out to 8 to 10 inches. Where the summers are temperate an early crop can be grown from spring sowings.

Improved Purple-Top. ★ Large, globular roots. Skin smooth, light yellow with purple top; flesh yellow, firm, and of fine quality. Can be stored in good condition all winter and well into the following summer. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Sweet German. A large, globe-shaped variety with white skin and flesh. Fine-grained, solid and sweet. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

★ WHEN IN DOUBT, ORDER THE STAR VARIETIES

Growing Flowers FROM SEED

To start seeds indoors, use a shallow box filled with light, rich soil not likely to bake or form a crust when the surface dries, and which has been treated with Formaldehyde or Semesan. Tamp firmly, so that the level is about half an inch below the top of the box. Make shallow furrows crossways, about an inch apart. Very fine seeds, like Petunias and Portulacas, need merely marks; large seeds, like Scabiosas, Lupines, and Four o'Clocks, should have furrows a half-inch deep. Sow the seed thinly in the rows, and label each row. Sift fine soil, mixed with sand, over the seeds, covering them to the soil level. Then press the surface with a board or a brick and water with a very fine nozzle or sprinkle the surface with a whisk-broom dipped in water. Cover the box with a sheet of glass and newspaper, and set it in a warm position, watching from day to day to see that the surface does not get dry or become soggy.

As soon as the seedlings break through the ground, the newspaper must be removed and the box set where it will receive the largest amount of sunlight. When the first leaves are fully formed, remove the glass or tilt it to admit air; when the seedlings are all up and gathering strength, take off the glass.

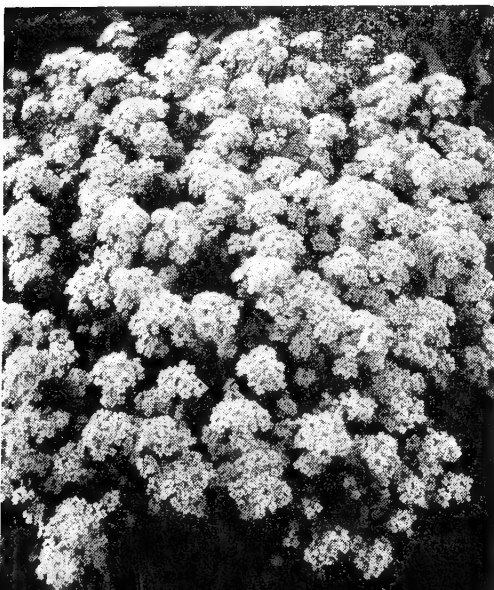
Special care will be needed in watering. If too much water is used, the seedlings are likely to damp off; if not enough, they will not grow rapidly.

Transplant once before moving to garden.

Perennials require exactly the same treatment, except that sowing may be delayed until the annuals are out of the way.

Good results can also be obtained by sowing most annuals outdoors any time from early April to June.

Alyssum saxatile



Scott's Flower Seeds



Acroclinium

Annual

Double Large-flowering Hybrids. Beautiful Everlasting Flowers in salmon, apricot, pink, rose and cerise, white and creamy tones with golden centers. For drying, cut as soon as they open. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Ageratum • Floss Flower

Annual

Excellent for low borders and edging, and is often used for porch-boxes. Can be sown outdoors in May, but to have blooms earlier start indoors in March.

Blue Perfection. Pretty, deep lavender-blue flowers. Plants grow about 15 inches high. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts.

Dwarf Blue Boy. A new variety only about 4 inches high. Very uniform growth, completely covered with bloom in rich shades of blue. Pkt. 10 cts., $\frac{1}{4}$ oz. 75 cts.

Imperial Dwarf Blue. Perfectly formed little plants about 8 inches tall, with flowers of clear blue. Pkt. 10 cts., $\frac{1}{4}$ oz. 75 cts.

Little Blue Star. Tiny plants, not over 5 inches high, covered with masses of bright blue flowers. Pkt. 25 cts., $\frac{1}{4}$ oz. 75 cts.

Alyssum

Annuals and Perennials

The ever-popular and always satisfactory flower for edging beds or planting in porch-boxes or rockeries. Sow the seed in the open ground any time from early April to June. Blooms all summer.

Violet Queen. Annual. Dwarf, compact plants rarely 6 inches high. Flowers deep lavender-lilac. A very pretty variety. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Little Gem. Annual. A dwarf form which makes dense, round, little bushes about 6 inches high, covered with very white flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Saxatile compactum, Blanket of Gold. Perennial. Bushy plants a foot high. Tiny bright yellow flowers in clusters. A good rock-plant. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts., oz. \$1.25.

White Carpet. Annual. The name describes it—a carpet of white only 2 to 3 inches high. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

White Sweet. Annual. The old-fashioned variety. Low-growing and spreading. Sweet-scented, pure white flowers. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts., oz. 50 cts.

Antirrhinums · Snapdragons

Annual

A free-blooming garden flower of the easiest culture, producing its spikes of lovely flowers all summer and fall.

Sow the seed in April, transplanting when 2 to 3 inches high, to the garden.

TALL GIANT-FLOWERED. A fine strain for bedding or cutting as the spikes are heavy and long.

Apple Blossom. Soft apple-blossom-pink.

Canary Bird. Brilliant canary-yellow with deeper yellow lip.

Cattleya. Fine spikes of orchid-lavender—a lovely shade.

Copper King. Velvety bronzy copper.

Old-Gold. Rich old-gold, flushed rose.

Orchid. That peculiar shade known by this name.

Ruby. Rich velvety ruby-red.

Snowflake. Pure white, with yellow lip.

The Rose. Deep rose-pink.

Finest Mixed. A mixture of all the colors.

All Tall Giant-flowered Antirrhinums, pkt. 25 cts., ¼oz. \$1, oz. \$3

HALF-DWARF LARGE-FLOWERING, MIXED. A nice strain for bedding, with heavy spikes of good length for cutting. Good mixture of colors. Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

GIANT-FLOWERED, MAJESTIC TYPE (RUSTPROOF), MIXED. Our new rustproof strain of the Tall Large-flowered type. Try these where rust has been troublesome. A fine mixture of all colors in this type. Pkt. 25 cts., ¼oz. 75 cts., oz. \$2.50.



Arctotis

Amaranthus

Annual

Start seed in house or hotbed early in spring, or in a special seed-bed outdoors later on and transplant to place where they are to bloom.

Molten Fire. One of the most beautiful foliage plants. Grows 4 feet high and each lateral produces a poinsettia-like tuft of flaming fire. Pkt. 15 cts., ¼oz. 75 cts.

Sunrise. Crimson foliage with a strong tinge of bronze. A cluster of bright scarlet leaves grows at the end of each branch. Extremely showy. Pkt. 25 cts., ¼oz. \$1.

Tricolor. Joseph's Coat. Tall, erect plants with luxuriant foliage gorgeously marked with scarlet, yellow, and green. Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

Aquilegia · Columbine

Perennial

Favorite border perennials, blooming in May and June and thriving best in moist, partially shaded spots. Sow seed from May to August. Plants require no protection over winter.

Long-spurred Hybrids, Mixed. These are the finest of the Columbines, producing large flowers in a great variety of delightful colors. Pkt. 10 cts., ¼oz. 75 cts., oz. \$2.50.

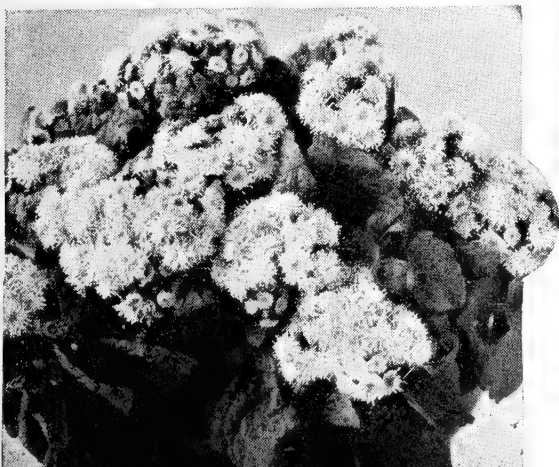
Long-spurred Hybrids, Mrs. Scott Elliott's Strain, Mixed. From May to midsummer these will give a wonderful show of color. Plants grow about 3 feet high and flower profusely. Mixed colors, pkt. 25 cts., ¼oz. \$1, oz. \$3.50.

Arabis · Rock Cress

Perennial

Alpina. Mountain Rock-Cress. Excellent rock-garden or edging plant. Foliage gray-green. Flowers white, in early spring. Pkt. 10 cts., ¼oz. 50 cts.

Ageratum. See page 22.



Molten Fire Amaranthus

Arctotis

Annual

Its rich and abundant blooming makes it a very desirable plant for cutting.

Giant Hybrids. A brilliant assortment of orange and bronzy red shades, rose, cream, yellow and salmon. Should be started indoors early. Pkt. 25 cts.

Grandis. Blue-eyed African Daisy. Plants 2 feet high, with silvery white foliage and 2 ½-inch, daisy-like, silvery white flowers with sky-blue eyes. Pkt. 10 cts., ¼oz. 25 cts.

Armeria · Sea-Pink

Perennial

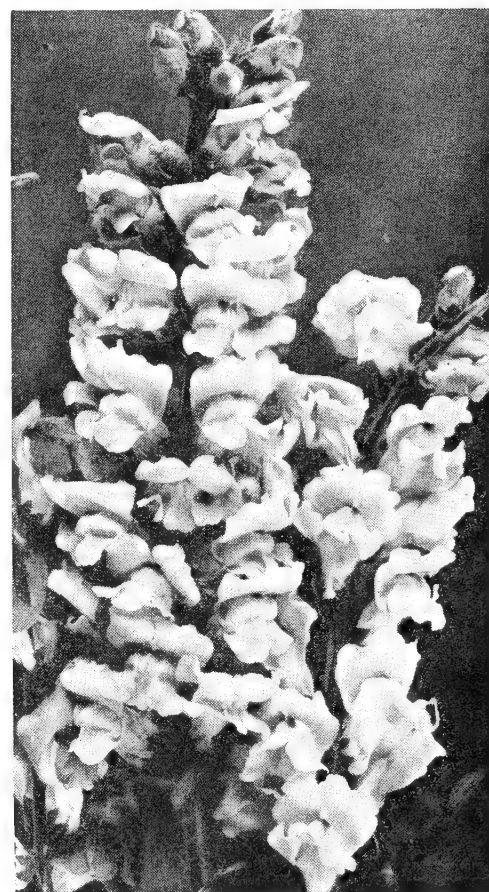
Rock-garden or edging plant making handsome, evergreen, mossy tufts from which rise clustered flowers like clover blossoms.

Cephalotes. Giant Thrift. Rose and White. Pkt. 10 cts., ¼oz. 75 cts.

Lauchena. Dwarf Thrift. Bright rose. Pkt. 25 cts., ¼oz. \$2.

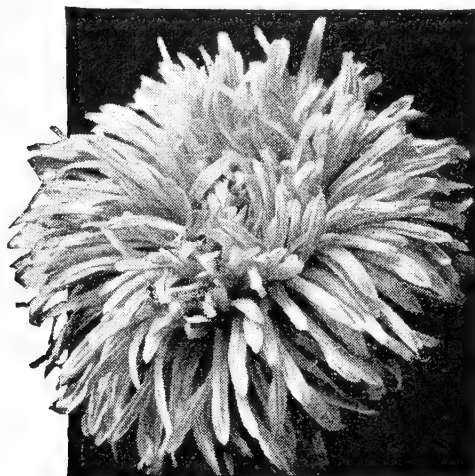


Why not use annuals to add new interest to your shrub planting and your perennial border? For the background—Cosmos, African Marigolds and Nicotianas. For the middleground—Zinnias, French Marigolds, Gaillardias and Petunias in variety. For borders—Sweet Alyssum, Phlox Drummondii or the dwarf Marigold, Little Giant.



Antirrhinum (Snapdragon)

There are many summer-flowering bulbs that will lend new interest to your summer garden. Why not plant several groups of Summer Hyacinths or Peruvian Daffodils or Montbretias? Tigridias are always spectacular and Tuberose are delightfully fragrant.



Aster, California Giant



Aster, Heart of France

Asters Annual

Asters prefer an open, sunny situation and they respond amazingly to fertilizers and good cultivation. It is advisable to change the location of the Aster-bed each year if you want large flowers and lots of them. For early bloom, start the seed in a window-box or hotbed, in March, giving the little plants plenty of light and water as required, and thinning 3 to 4 inches apart, or transplanting them when a few inches high to small pots. Set them out after danger from frost is past. For solid beds of color, set the plants 8 to 10 inches apart, but if large flowers and long stems are wanted for cutting, plant at least 1 foot apart in rows $1\frac{1}{2}$ to 2 feet apart. The seed may be sown outdoors in early May with good results except that the plants will bloom later.

EARLY-BLOOMING

Queen of the Market. (Wilt-resistant Strain.) Low, bushy plants bearing quantities of large flowers from July on.

White	Lavender
Pink	Purple
Crimson	Mixed Colors

All Queen of the Market Asters, pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50

MIDSEASON BLOOMING

Improved Crego. (Wilt-resistant Strain.) Large flowers, often 5 inches across, with twisted and curled petals, are freely produced on long stems. They bloom just after the early varieties.

Blue Flame	Light Blue
Cattleya (orchid)	Peach Blossom
Crimson	Shell-Pink
Dark Violet	White
Deep Rose	Mixed

All Improved Crego Asters, pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50



Aster, Aurora

GIANTS OF CALIFORNIA IMPROVED. Large, full flowers of the Crego type, with curled and interlaced petals, on long, heavy stems. Strong, upright plants that bloom from late summer until frost.

Carmine-Rose	Light Blue
Dark Purple	Peach Blossom
Light Purple	White
Mixed	

All Giants of California Improved Asters, pkt. 25 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50

CALIFORNIA SUNSHINE, MIXED. Immense, single flowers, 4 to 5 inches across, with a single row of petals surrounding large yellow quill-like center discs. Branching plants 2 to 3 feet tall. Excellent for cutting. Mixed colors, pkt. 25 cts., $\frac{1}{4}$ oz. \$1, oz. \$3.

GIANT BRANCHING LATE-BLOOMING. (Wilt-resistant Strain.) A wilt-resistant strain of late-blooming Asters. Valuable to finish the season. Long, strong stems carrying large flowers with broad, incurved petals. A great cutting Aster.

Crimson	Deep Rose
Dark Blue	White
Mixed	

All Giant Branching Late-blooming Asters, pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50

MISCELLANEOUS TYPES

AURORA. A free-flowering Aster with large, full flowers, quilled centers and outer band of broad petals. Quite distinct from all other Asters. Plants are of medium height and should be in bloom by Labor Day.

Blue. Light blue, yellow center. Pkt. 25 cts.

Golden Sheaf. (Wilt-resistant.) Double; yellow. Pkt. 25 cts.

Heart of France. (Wilt-resistant.) Medium-sized flowers of rich dark red. Branching plants $1\frac{1}{2}$ to 2 feet high. Blooms in late August. Pkt. 25 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

Super Giant, El Monte. This fine Aster received special mention in the 1936 All-America Selections. Large crimson flowers, with interlaced, plume-like petals. Each plant produces 6 to 8 of these huge flowers. Pkt. 25 cts., $\frac{1}{4}$ oz. \$1, oz. \$3.



Giant California Sunshine Asters

Asters

Perennial

Michaelmas Daisies. Tall, autumn-flowering Daisies in various shades. **Mixed Colors.** Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

Balloon Vine • Love-in-a-Puff

Annual

A rapid-growing annual climber with dark green leaves and small white flowers, followed by curious balloon-like seed-pods. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.

Balsam • Lady's Slipper

Annual

Tall Double, Mixed. Large flowers, resembling camellias, in self colors, as well as spotted and blotched varieties. The seed should either be started inside or sown outdoors late in May when the soil and weather are warm. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Begonia

Tender Perennial

The Begonias are great favorites, both as pot-plants in the home in winter and for outdoor bedding during the summer. Seed is fine and must be sown on well-prepared, rich soil in the greenhouse or in shallow boxes placed in a warm, sunny window.

Gracilis, Luminosa. Large bright scarlet flowers. Pkt. 25 cts.

Prima Donna. Light rose-pink flowers. Extra fine. Pkt. 25 cts.

Tuberous-rooted Begonia Bulbs. See page 38.

Bellis • English Daisy

Biennial

Double Giant-flowered, Mixed. Useful for beds and edging, thriving in partial shade or full sun. Will bloom the first year if seed is planted very early under glass but best results are obtained by sowing seed in late summer and carrying over winter in a cold-frame. Fine mixture of colors. Pkt. 10 cts., $\frac{1}{4}$ oz. \$3, oz. \$10.



Annual Calliopsis

Calliopsis (Coreopsis)

Tickseed

Annual

Easy to grow, free-blooming, and a favorite for cutting. Especially nice for edging beds or for planting in pots. Sow in April or May and thin to stand 6 to 8 inches apart.

Crimson King. Deep crimson, yellow backs.

Drummondii. Golden Wave. Medium tall, covered with bright golden yellow flowers with brown centers.

Golden Ray. Golden yellow.

Tiger Star. Yellow and brown.

Mixed. A variety of colors.

All Calliopsis, pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Cannas

Annual

Large-flowered, Dwarf, Mixed. Saved from brilliantly colored varieties, including red, yellow, and various striking combinations. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts. For Canna Roots, see page 39.

Campanula Medium

Canterbury Bells

Biennial

Lovely, bell-shaped flowers. One of the finest border plants. Sow the seed any time from early June to August, and protect the plants with straw or leaves over winter.

Single Varieties, Mixed. The true "Canterbury Bells." Good mixture of colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Calycanthemum, Mixed. Cup-and-Saucer. A very pretty double form in a good mixture of colors. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.



Calendula, Campfire

Calendula • Pot Marigold

Annual

Among the brightest and easiest to grow of all garden annuals. They prefer a sunny location but will thrive on any soil. Sow the seed during April or May and thin the plants to 8 to 10 inches.

Campfire. A vigorous grower with large, brilliant orange flowers having a scarlet sheen and a full yellow center. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Chrysantha (Sunshine). Superb new variety with rich, gleaming yellow flowers like quilled Chrysanthemums. The rays are long and slender, curving inward. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Lemon Queen. Like Orange King but the flowers are clear lemon-yellow. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.

Orange King. Large, double flowers of deep glowing orange. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.

Orange Shaggy. Deep orange color, shading lighter at the center of flower. Long, fringed, overlapping petals make the blooms graceful and attractive. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Radio. A new type. Full flowers with quilled petals; rich glowing orange. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Double Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.

Canary-Bird Vine

Tropaeolum peregrinum

Annual

A quick-growing, slender annual vine with light green, fern-like leaves and brilliant yellow flowers. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts.

Carnations

Early Dwarf Double, Mixed. Biennial. Dwarf, erect, free-flowering strain. Extremely hardy. Grows 15 to 18 inches tall. Comes in a wide range of colors. Pkt. 25 cts., $\frac{1}{4}$ oz. \$1, oz. \$3.

Enfant de Nice, Mixed. Annual. The plants are robust and upright, with long, strong stems and flowers $2\frac{1}{2}$ to 3 inches in diameter. It is the last word in this popular flower. Good mixture of colors. Pkt. 25 cts., $\frac{1}{2}$ oz. 75 cts.

Grenadin, Cardinal-Red. Perennial. An early-flowering type with large brilliant scarlet blooms. Pkt. 25 cts., $\frac{1}{4}$ oz. \$1, oz. \$3.

Marguerite, Mixed. Annual. An improved, large-flowering strain. The flowers are very fragrant, and last for a long time when cut. Sow early in May. Pkt. 10 cts., $\frac{1}{4}$ oz. 60 cts., oz. \$2.



Giant Hyacinth-flowered Candytuft

Candytuft • Iberis

One of the best of all low-growing plants for beds and edging. Sow the seed early in the spring, and when the seedlings are strong enough, thin them to stand 6 to 8 inches apart.

ANNUAL VARIETIES

Giant Empress. Extra-large, pure white flowers. Nice for cutting as well as bedding. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 65 cts.

Giant White Hyacinth-flowered. Immense, pure white spikes with large individual bracts. Strong plants. An improved florists' variety for cutting or pot-culture. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 65 cts.

Umbellata. Blooms quickly from seed. The flowers are in flat clusters and are produced for many weeks.

Lilac
Rose

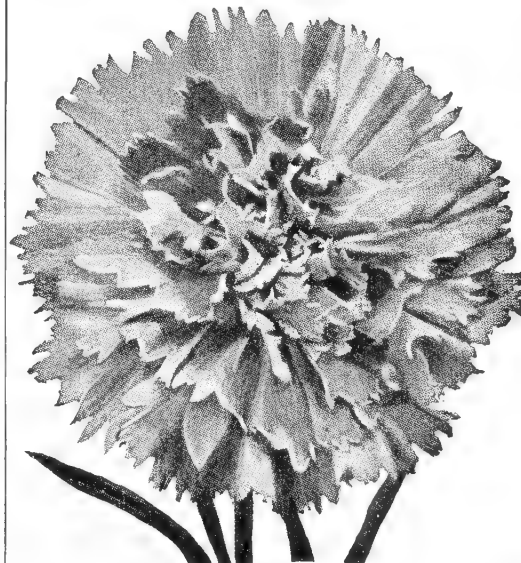
Crimson
Mixed

Each, pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 65 cts.

PERENNIAL VARIETIES

Gibraltarica Hybrids. A compact form with lilac flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.

Sempervirens. Perennial or Evergreen Candytuft. Bears pure white flowers in the spring and the leaves are dark glossy green the year round. Fine for edging. Pkt. 15 cts., $\frac{1}{4}$ oz. \$1.50, oz. \$5.



Carnation

Cardinal Climber

Annual

A slender, quick-growing vine with exceedingly ornamental, deeply cut leaves, and small, star-shaped flowers of a brilliant cardinal-red, borne in the greatest profusion. Sow after the weather and soil are warm. Pkt. 15 cts., ¼oz. 50 cts., oz. \$1.50.

Castor-Oil Bean • Ricinus

Annual

Extremely large plants that may be used for ornamental hedges, for the center of beds of canna's, and as individual specimens wherever a tropical effect is wanted. Sow in May.

Zanzibarensis. A giant strain, that sometimes grows 12 feet high. Dark green, bronze, or reddish foliage. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts., lb. \$1.50.

Finest Mixed. Many different types, varying in color of leaf, stalks, fruit, etc. All large. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts., lb. \$1.50.

Celosia Annual

These make gorgeous beds and are useful also for borders where bright colors and mass effect are desired. The seed should be started indoors in April or sown in well-prepared soil outdoors late in May.

Childsi, Mixed. Chinese Woolflower. A profusion of massive, wool-like flowers in shades of red and pink. Height 3 feet. Sow seed outdoors after danger of frost is past. Pkt. 10 cts., ¼oz. 50 cts., oz. \$1.50.

Cristata, Finest Mixed. Cockscomb. Showy, comb-like heads in a variety of rich colors. Pkt. 10 cts., ¼oz. 50 cts., oz. \$1.50.

CRISTATA PLUMOSA. IMPROVED FEATHER TYPE.

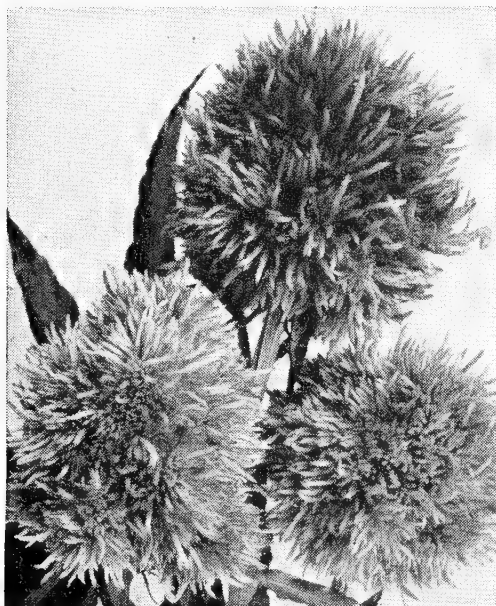
Pride of Castle Gould. Pyramidal growth with large, painted plumes of brilliant red. Fine for either bedding or pot-culture. Pkt. 15 cts., ¼oz. \$1.50.

Scarlet. A brilliant scarlet selection of the lovely feather type. Pkt. 15 cts., ¼oz. \$1.

Cerastium

Perennial

Tomentosum. Snow-in-Summer. A perennial rock-plant with white foliage and starry white flowers. Pkt. 10 cts., ¼oz. 50 cts., oz. \$1.50.



Celosia Childsi (Woolflower)



Centaurea cyanus

Centaurea Annual

A family of very popular and easy-to-grow flowers.

CYANUS. Familiarly known as "Cornflower," "Ragged Sailor," or "Bachelor's Button." About 1½ feet tall, thriving in almost any situation and blooming freely for a long season.

Double Blue. Deep blue Cornflower.

Double Maroon. Fine for a mixed bouquet.

Double Rose-Pink. A lovely shade for cutting.

Double White. A pure white Cornflower.

Double, Mixed. A select mixture of many colors.

All above, pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

Jubilee Gem. Silver Medal. Plants 12 to 15 inches with double flowers of cornflower-blue. Pkt. 15 cts., ¼oz. 50 cts., oz. \$1.75.

IMPERIALIS. The Giant Sweet Sultan, one of the largest of the Centaurea family and the finest for cut-flowers. The large blooms are borne on long stems and are very fragrant.

Lavender Purple White
Lilac Rose Mixed

All above, pkt. 10 cts., ¼oz. 35 cts., oz. \$1

GYMNOCARPA. Dusty Miller. Grows but a foot high. Excellent for edging beds and borders. Foliage is fern-like and of silvery gray color. Pkt. 10 cts., ¼oz. 35 cts., oz. \$1.

Chrysanthemums

Chrysanthemums thrive in rich soil in any sunny situation and bloom very freely. They require plenty of water.

Coronarium, Double Annual, Mixed. Full-centered flowers in shades of cream, lemon, and gold. Pkt. 10 cts., ¼oz. 35 cts., oz. \$1.

Leucanthemum. Shasta Daisy. Perennial. Hardy plants with lovely white flowers for cutting.

Alaska. Magnificent single flowers of pure white, 5 inches or more in diameter. Pkt. 10 cts., ¼oz. 75 cts., oz. \$2.50.

Alaska, Double. A double form of the above, with beautiful shaggy white flowers. Pkt. 25 cts.

Clarkia

Annual

Elegans. An attractive variety that makes loose, shrubby plants 2 to 3 feet high, covered with dainty flowers. Nice for cutting.

Double and Single, Mixed. Pkt. 10 cts., ¼oz. 30 cts., oz. 75 cts.

Cobaea

Annual

Scandens. Cup-and-Saucer Vine. An annual climber that grows quickly and makes a good screen of foliage. The flowers are large and bell-shaped, blue in color. Pkt. 10 cts., ¼oz. 30 cts., oz. 75 cts.

Coleus

Annual

Choice Mixed. Popular bedding plants grown for their ornamental variegated foliage. Sow seed in boxes indoors and transplant to the open late in May. Pkt. 25 cts.

Coreopsis

Perennial

Double Sunburst. Large, golden yellow, fully double flowers 3 to 3½ inches in diameter. A superb cut-flower, or a mass of garden color. Pkt. 15 cts., ¼oz. 35 cts., oz. \$1.

Grandiflora. Easily grown from seed sown any time during late spring or summer and, being perfectly hardy, the plants require no protection in winter and will live for years. Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

Corn, Ornamental Indian

Annual

The kernels are of various bright colors and are used in making Charm or Patio Strings. Pkt. 10 cts., ½oz. 40 cts., oz. 75 cts.

Cypress Vine

Annual

Finest Mixed. A graceful, slender climber with very finely cut foliage and bright little flowers which are produced in the greatest profusion. Pkt. 10 cts., ¼oz. 60 cts., oz. \$2.



Cerastium tomentosum



Cosmos

Cosmos

Annual

Their free-blooming habit and graceful flowers make the Cosmos one of the most popular flowers for late summer and fall use. Sow seed outdoors about May 1, or, if possible, start the seed indoors in early March.

Early Klondyke, Orange Flare. Gold Medal, 1935 All-America Selections. Deep brilliant orange flowers, borne on long stems. Nice for cutting. Plants 2 to 3 feet high. Pkt. 15 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.

Extra-Early, Double-crested. An improved strain of the double-flowering form of Cosmos, and while the flowers vary in degree of doubleness, all are beautiful.

Pink Beauty. Soft rosy pink.

Crimson King. Deep rose-crimson.

White Queen. Pure white.

Finest Mixed. All colors.

All Double-crested Cosmos, pkt. 15 cts., $\frac{1}{4}$ oz. 85 cts., oz. \$2.75

Lady Lenox. Blooms enormous, of a most attractive shade of shell-pink. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Mammoth Early-flowering, Mixed. Large-flowered strain which blooms early. Best to use for late sowings outdoors. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Mammoth Late-flowering, Mixed. Plants 6 to 8 feet, blooming in September. Large flowers 4 to 5 inches across. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Sensation. Award of Merit, 1936 All-America Selections. Flowers 4 to 5 inches across, on long stems, from 4-foot plants. Blooms for 10 weeks from sowing. Flowers Pink and White. Pkt. 15 cts., $\frac{1}{4}$ oz. 85 cts., oz. \$3.

Cynoglossum

Chinese Forget-Me-Not

Amabile, Blue Bird. Splendid plants growing $1\frac{1}{2}$ to 2 feet tall and bearing a profusion of bloom from May until frost. The Forget-me-not-like flowers are a fine shade of bright blue and are in nice sprays suitable for cutting. Pkt. 10 cts., $\frac{1}{4}$ oz. 60 cts., oz. \$2.

Didiscus

Annual

Cærulea. Blue Lace Flower. Exquisite, lacelike flower-heads of dainty azure-blue, gracefully borne on long stems. Sow seed in March in hotbed and outdoors in May and June. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Dahlias

Annual

It is easy to raise Dahlias from seed, if started early in spring in hotbed or in a warm window. Set plants out late in May in sunny location, a foot or more apart.

Cactus-flowered, Mixed. Seed saved from the best Cactus type. Pkt. 25 cts.

Double, Finest Mixed. Seed saved from some of the best named sorts. Pkt. 10 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

Single, Fine Mixed. Seed saved from select flowers of single varieties. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts., oz. \$1.

Delphinium

Perennial Larkspur

The finest of blue flowers for the hardy border are the Perennial Larkspurs. Sow the seed in May or June and transplant about 1 foot apart in early September.

Belladonna. Long, loose spikes of delicate light blue flowers, of supreme value for cutting. Pkt. 25 cts., $\frac{1}{8}$ oz. 75 cts., $\frac{1}{4}$ oz. \$1.25.

Bellamosa. This is a taller, straighter plant than Belladonna, and the flowers are rich clear blue, several shades darker. Pkt. 25 cts., $\frac{1}{8}$ oz. 75 cts., $\frac{1}{4}$ oz. \$1.25.

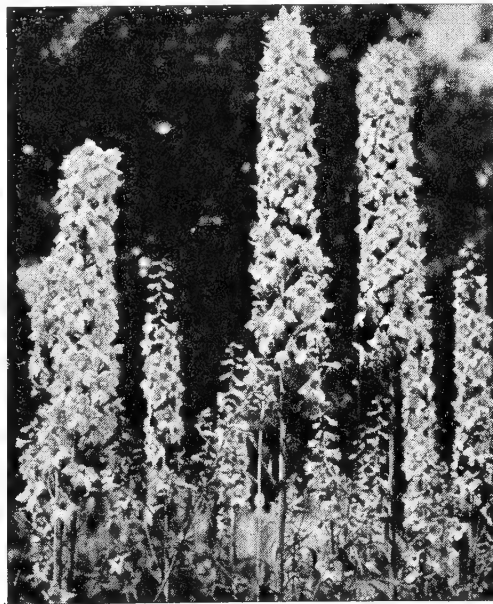
Blackmore & Langdon Strain, Mixed. Lovely flowers in a wide range of colors. Strong plants with excellent spikes. Pkt. 50 cts.

Cardinale. A native Delphinium with long-spurred brilliant scarlet flowers on 3-foot plants. Pkt. 25 cts., $\frac{1}{8}$ oz. 75 cts., $\frac{1}{4}$ oz. \$1.25.

Kelway's Gold Medal Hybrids. A famous English strain of great size and vigor, producing flowers in all shades of blue. Pkt. 25 cts., $\frac{1}{8}$ oz. 50 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.25.

Pacific Giants. Large, well-formed flowers in shades of blue, lavender, pink and clear white. Pkt. 50 cts., $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2, $\frac{1}{2}$ oz. \$3.50, oz. \$6.

Wrexham (Hollyhock Strain). Sturdy plants producing conical spikes of flowers 2 inches or more across, and $2\frac{1}{2}$ to 3 feet long. Colors range from clear light blues and lavenders to shades of deep blue, purple, and mauve. Pkt. 25 cts., $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.



Delphiniums



Dianthus Heddewigi

Dianthus

A large family of easily grown flowers loved for their fragrance and all-round usefulness.

Chinensis, Double. China Pink. Annual. All plants 20 inches high, with flowers in clusters, in many bright colors. Free-blooming type. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Deltoides. Maiden Pink. Perennial. A creeping rock-garden plant with deep rose-colored flowers on 8-inch stems in midsummer. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

Heddewigi. Japanese Pinks. Annual. Dwarf, compact plants 10 to 12 inches tall, with large, spectacular flowers, fine for cutting as well as making a grand garden display.

Double, Fireball. Crimson.

Double, Mourning Cloak. Blackish maroon, margined white.

Double, Violet Queen. Violet.

Double, Mixed. All colors.

All Heddewigi, pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts., oz. \$1.25

Single, Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Plumarius. Garden Grass Pinks. Perennial. The Pheasant-Eye, or Clove Pink should be in every garden. Plants 8 to 10 inches, with grass-like foliage and fragrant, fringed flowers. Sow from April to August.

Single, Mixed. Many beautiful colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Digitalis • Foxglove

Biennial

A plant for the back of the border. Spikes of thimble-shaped flowers on plants 3 to 4 feet tall, during June and July. Sow in early summer and transplant in the fall.

Hybrida Lutzi. Magnificent, 4-foot plants with lovely salmon flowers. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts.

Isabellina. Fine spikes of yellow blossoms that deepen to chamois. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts.

The Shirley, Giant Hybrids. An excellent strain with large flowers ranging in color from white to dark rose, each with throats spotted with crimson, maroon or chocolate. Plants 5 to 7 feet tall, with 4-foot spikes of bloom. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts.

Finest Mixed. All types and colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.



Dimorphotheca

Dimorphotheca African Daisy

Annual

Dwarf plants, 12 to 15 inches high, with foliage close to the ground. Daisy-like flowers 2 to 3 inches across, with narrow petals. Flowers close toward evening.

Aurantiaca, Mixed. Shades of yellow, orange, and white. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Aurantiaca, Orange, Improved. An improved strain of the original orange variety. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Dolichos • Hyacinth Bean

Annual

Lablab, Mixed. Very pretty annual climber quickly growing 8 to 10 feet and bearing quantities of clustered flowers like pea blossoms, followed by lustrous purple pods. Good mixture of colors. Sow the seed in late May. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts.

Eschscholtzia California Poppy

Annual

These hardy little annuals make very bright beds and bloom from June until frost. Flowers resemble single Poppies. Sow in early spring, where they are to bloom.

SPREADING VARIETIES

Aurantiaca. Orange.

Carmine King. Deep carmine.

Chrome Queen. Amber-yellow.

Mikado. Orange-crimson.

The Geisha. Brilliant gold inside, orange-crimson outside, fluted.

All Eschscholtzias, pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1

Mixed. All colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.

ERECT VARIETY

Ramona. Golden bronze, coppery rose outside, frilled and incurved. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Euphorbia

Annual

Variegata. "Snow-on-the-Mountain." Showy plants growing about 2 feet high, with ornamental deep green foliage, bordered and marked with white. Seed should be sown during May. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.



Eschscholtzia, Ramona

Four o'Clock • Mirabilis

Annual

Jalapa, Mixed. "Marvel of Peru." Makes most effective beds and annual hedges. The plants grow about 2 feet tall, bearing quantities of fragrant flowers which open late in the afternoon. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Gaillardia • Blanket Flower

Extra-good bedding plants, and especially desirable cut-flowers.

Burgundy. Perennial. A new variety with large, wine-colored flowers. Very choice. Pkt. 25 cts., $\frac{1}{4}$ oz. 90 cts., oz. \$3.

Maxima aurea. Perennial. Rich golden yellow flowers with a large red eye. Pkt. 25 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

Picta, Mixed. Annual varieties in various colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

The Dazzler. Perennial. Very large flowers of blazing orange-scarlet, illumined by a brilliant yellow edge at the tip of each ray or petal. Pkt. 25 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

Geranium

Annual

Fine Mixed. Great favorites for bedding and window-boxes. Seed saved from the choicest varieties. Pkt. 25 cts., $\frac{1}{4}$ oz. \$1, oz. \$3.



Geum, Mrs. Bradshaw



Gaillardia, The Dazzler

Geum • Avens

Perennial

Lady Stratheden. Practically the same plant as Mrs. Bradshaw, except that the flowers are shining golden yellow. Pkt. 10 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$3.

Mrs. Bradshaw. Handsome, fairly dwarf border plant with attractive foliage, and double scarlet flowers with crimped and ruffled petals. Pkt. 10 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$3.

Globe Amaranth Gomphrena

Annual

Mixed Colors. The plants grow 2 to 3 feet tall, with globe-shaped flowers which may be cut and dried in their natural color for winter bouquets. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Godetia • Satin Flower

Annual

The plants are bushy, with attractive foliage, and the flowers are quite large, somewhat resembling single hollyhocks. Godetias make fine pot-plants.

Dwarf Double Azalea-flowered, Mixed. Lovely azalea-like flowers in various brilliant colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Sybil Sherwood. An upright plant with single flowers of bright salmon-pink. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.

Gourds

Annual

In addition to their interesting fruit, many of which are useful as well as ornamental, the vines have large foliage excellent for covering fences, stumps, trellises, etc. Sow the latter part of May.

Calabash Pipe or Powder-Horn. An intriguing pipe-shaped variety. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Cave-Man's Club. Dark green; knobby; club-shaped. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.

Dipper. The ripe fruits, cut away and cleaned out, make very serviceable dippers. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Dish-Cloth. Sometimes called Sponge Gourd. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Ornamental, Mixed. Includes a great number of interesting and diverse forms. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

*Gypsophila elegans alba grandiflora***Gypsophila • Baby's Breath**

These are largely used in making up bouquets and are also most attractive garden plants.

Elegans alba grandiflora. Annual Baby's Breath. An improved strain with pure white flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.

Paniculata alba, Single. Perennial. Tiny white flowers in airy sprays. Excellent for cutting. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Paniculata alba, Double. Fine sprays of little, double, pure white flowers. Dries nicely for winter bouquets. Pkt. 25 cts., $\frac{1}{8}$ oz. \$1.

Repens alba. Perennial. A trailing variety, not over 6 inches high, with white flowers in July and August. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.

Repens rosea. Perennial. Rose-colored variety of the above. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.

Helianthemum • Sun Rose*Perennial*

Mutabile, Mixed. Rock-plant of shrubby habit, growing 8 to 12 inches high. Foliage vergreen. Flowers of pastel shades. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.

Helianthus • Sunflower*Annual*

Sow the seed in April or May and give the plants plenty of room. Fine for massive borders and backgrounds.

Dwarf Double Chrysanthemum-flowered. Strong plants, growing 4 to 5 feet high, with many branches bearing big, double flowers like golden chrysanthemums. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Mammoth Russian. The common variety and the largest and most productive, growing to a height of 6 to 8 feet. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts.

Maroon Prince. Single red flowers on 4-foot plants. The best red Sunflower. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Miniature (*H. cucumerifolius*). Single bright yellow flowers, with dark brown centers. Fine for cutting as well as display. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Helichrysum • Everlasting*Annual*

The best of the "Straw Flowers." To preserve the flowers for permanent bouquets, pick them when half opened and hang them by the stems, head down, to dry in a shady place. Double, bright-colored flowers.

Fireball or Scarlet **Salmon Queen**
Goldenball **Silverball**
Rose Queen **Violet Queen**

Finest Mixed

All Helichrysums, pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Heliotrope*Annual*

Choice Mixed Colors. Prized for its delightful fragrance. Can be grown in pots or in the garden. Start the seed indoors in March, or sow outdoors after the soil and weather are warm. Pkt. 15 cts., $\frac{1}{4}$ oz. \$1.50.

Hesperis • Rocket*Perennial*

Matronalis. Sweet Rocket. The plants make large clumps 2 to 3 feet high, with showy spikes of red flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Hibiscus • Marsh-Mallow*Perennial*

Finest Mixed. Shrubby perennials 4 to 6 feet tall with large foliage and immense, funnel-shaped flowers 6 to 12 inches across. Fine mixture of colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

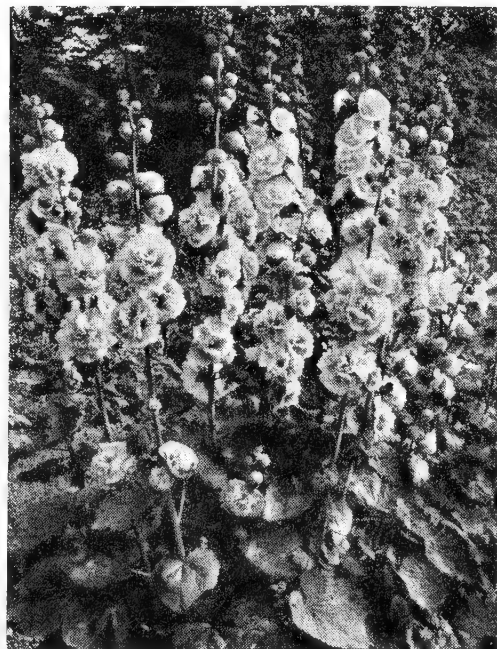
Hollyhock

Wherever tall-growing plants can be used these are wonderfully effective, with a charm all their own. A favorite for the old-fashioned garden.

Chater's Double, Mixed. Perennial. An extra-fine strain in many bright colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 60 cts., oz. \$2.

Indian Spring. Annual. Silver Medal, 1939 All-America Selections. Semi-double, frilled pink flowers in 5 months from seed. Plants 4 to 5 feet tall. A splendid novelty. Pkt. 15 cts.

Single, Finest Mixed. Perennial. Lovely single flowers in a wide range of colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

**Double Hollyhocks***Helianthemum mutabile***Honesty • Lunaria***Biennial*

An easily grown plant, about 1 $\frac{1}{2}$ feet high. The blooms may be dried for winter bouquets. Violet or White, pkt. 15 cts., $\frac{1}{4}$ oz. 60 cts., oz. \$2.

Humulus • Hop Vine*Annual*

A very rapid-growing annual vine which, on account of its dense, attractive foliage, is valuable for porch-screens and arbors.

Green-leaved or **Variegated-leaved.** Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 60 cts.

Hunnemannia • Tulip Poppy*Annual*

Sunlite. Semi-double flowers of clear canary-yellow. Very desirable. Grows 1 $\frac{1}{2}$ to 2 feet tall, with many blooms all summer. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Ipomoea • Morning-Glory*Annual*

Fine for covering fences and trellises on account of their rapid, luxuriant growth. They bloom freely all summer. The seed may be soaked in warm water over night to hasten germination.

Heavenly Blue. Blue Moonflower. An early strain of this lovely flower. Deep sky-blue flowers of large size from mid-summer until frost. Start seeds under glass, early. Pkt. 15 cts., $\frac{1}{4}$ oz. 35 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1.

Imperial Mixed. Large flowers of various pleasing colors. Sow as soon as ground gets warm. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.

Noctiflora. White Moonflower. Large white flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 50 cts.

Pearly Gates. A satiny white sport of Heavenly Blue. The 3-inch trumpets are perfect companions for the blue parent. Blooms early. Pkt. 25 cts.

Scarlett O'Hara. Large flowers 3 $\frac{1}{2}$ inches across, of bright carmine, are freely produced on vigorous twining vines from early summer until late fall. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., $\frac{1}{2}$ oz. \$1.25, oz. \$2.25.

Job's Tears • Coix*Annual*

Lacryma. An ornamental grass which grows 2 to 3 feet high and bears large, ivory-white seeds from which it gets its name. The children make necklaces from the hard seeds. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 50 cts.

Kochia*Annual*

Scoparia trichophylla. Summer Cypress; Mexican Firebush. Grows about 2 feet high making beautifully rounded bushes like clipped evergreens. In summer, foliage is bright, light green but in fall the whole plant is a ball of crimson. Sow seed in late May. Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

Lantana*Annual*

Dwarf Hybrids, Mixed. Desirable bedding plants, giving a mass of color; also useful in porch-boxes and pots. Flowers are in clusters. Blooms constantly. Pkt. 15 cts., ¼oz. 60 cts., oz. \$1.75.

Larkspur*Annual*

Favorite, easy-to-grow annuals, producing their tall spikes very freely for several weeks during summer. They are most effective planted in the border in groups among lower-growing flowers. Sow the seed in April and thin or transplant to stand 8 to 10 inches apart.

GIANT IMPERIAL. A new strain of annual Larkspurs that grows 3 to 4 feet high. Fine well-filled spikes.

Blue Bell. Deep sky-blue.

Blue Spire. Clear violet-blue.

Carmine King. Deep, glowing pink with a fiery sheen, almost scarlet.

Daintiness. Delicate lavender.

Miss California. Brilliant rose-pink.

White King. Pure white.

Mixed. All colors.

All above Larkspurs, pkt. 25 cts., ¼oz. 75 cts.

Pink Perfection. Lovely, long-lasting flowers of clear pink. Pkt. 25 cts.

TALL DOUBLE STOCK-FLOWERED.

Plants 3 feet tall, with candelabra-like branches and long spikes closely set with large, double flowers.

Rosamond. A lovely shade of pure bright rose. Pkt. 25 cts., ¼oz. \$1.

Fine, Mixed. All the colors of this type. Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

DWARF EMPEROR, MIXED. A dwarf, compact strain not over 2 feet tall in an unusual range of colors. Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

For Hardy Larkspur, see Delphiniums, page 27.



Lupinus

Lathyrus**Everlasting or Hardy Sweet Pea***Perennial*

Finest Mixed. Hardy climbers, attaining a height of 5 to 6 feet each season and living from year to year. Flowers resemble the old-fashioned Sweet Peas except that they have no fragrance. Pkt. 10 cts., ½oz. 45 cts., oz. 75 cts.

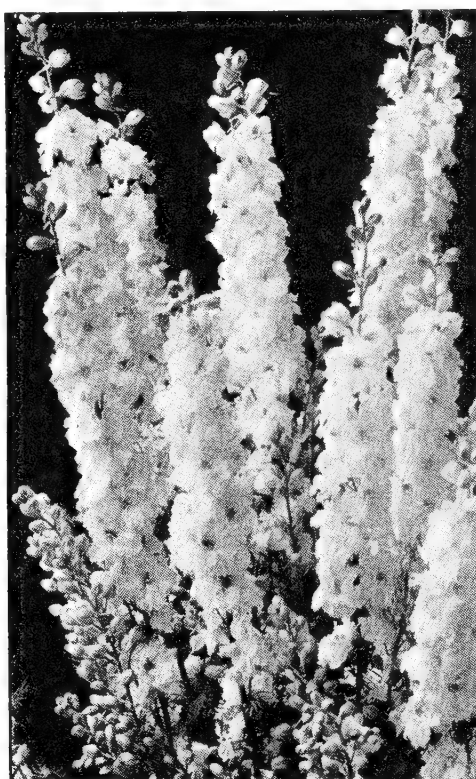
Lily • Lilium*Perennial*

Regale. Most popular and easiest to grow of all Lilies, flowering abundantly within 18 months from seed. Perfectly hardy. Pkt. 25 cts.

For Lily Bulbs, see page 39.

Linum • Flax*Perennial*

Showy plant with gray-green foliage and powder-blue flowers of great delicacy and beauty. Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.



Larkspur, Giant Imperial

Linaria • Toadflax*Annual*

Slender little plants a foot high, bearing dainty, miniature Snapdragons of pink and purple. Excellent for edging.

Maroccana, Fairy Bouquet, Mixed. Compact, 8-inch plants with flowers of various pastel shades. Pkt. 25 cts.

Maroccana, Hybrid Excelsior, Mixed. Plants 1 foot high, with flowers of bright shades. Pkt. 10 cts., ¼oz. 25 cts.

Lobelia*Annual*

Crystal Palace Compacta. Rich dark blue flowers. Dark green foliage. Dainty little plants, popular for porch-boxes, vases, and low beds. Seed should be started indoors in February or March and the plants set out in May. Pkt. 15 cts., ¼oz. \$1.50.



Marigold, Guinea Gold. See page 31

Lupinus • Lupin

The Lupins do well in any good garden soil, preferably with a little shade. They make bushy plants with very attractive leaves and long spikes, closely set with blossoms. Give them plenty of lime, wood-ashes, bonemeal, or other soil-sweetening fertilizers.

Hartwegi, Mixed Colors. Annual. Quick-growing annuals with woolly foliage and stems. Erect spikes with pea-shaped flowers. Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

Polyphyllus, Mixed Colors. Perennial. Grows 2½ to 3 feet tall. Sow in May or June and thin to 1½ feet apart. Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

Russell. A new English strain with large flowers in colors of rich yellows, oranges, reds, and bicolors. 25 seeds 35 cts., 50 seeds 60 cts., 150 seeds \$1.50.

Mesembryanthemum*Annual*

Crystallinum. Ice Plant. Dwarf annual with tender stems and leaves, portions of which are transparent and resemble little icicles. Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

Tricolor. Brilliant red and white, with black centers. Pkt. 10 cts., ¼oz. 50 cts., oz. \$1.50.

Mignonette • Reseda*Annual*

Highly valued for its distinct fragrance.

Giant Machet. An improved strain with giant spikes of reddish green florets. Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

Machet, Special Mixed. Contains all the Machet varieties. Pkt. 10 cts., ¼oz. 20 cts., oz. 60 cts.

Matricaria • Feverfew*Annual*

Double, white, button-shaped flowers on aromatic plants. Pkt. 10 cts., ¼oz. 35 cts., oz. \$1.

Mimulus*Annual*

Moschatus. Musk Plant. Musk-scented foliage and small yellow flowers. Nice for baskets and vases. Pkt. 10 cts., ¼oz. \$1.

Myosotis • Forget-me-not*Biennial*

Alpestris. A biennial but it will bloom the first summer from seed sown in early spring. If early spring flowers are wanted, sow in July and transplant the young plants to their permanent bed about the middle of September. Pkt. 10 cts., ¼oz. 75 cts.

MARIGOLD • Tagetes (Annual)

Vigorous, free-blooming annuals, thriving on any soil but preferring plenty of sunlight. The African Marigolds grow about 3 feet tall with immense, globular blooms, while the dwarf French kinds are only about 10 inches high with smaller flowers but more of them.



Marigold, Crown of Gold

Double Tall African Marigold

Dixie Sunshine. All-America Winner. A tall, late-blooming variety with ball-shaped flowers of golden yellow. Pkt. 25 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.

Guinea Gold. All-America Winner. Double, ruffled flowers of pure deep golden yellow, fragrant. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Lemon Queen. A companion to Prince of Orange, but clear lemon-yellow. Pkt. 10 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.

Prince of Orange. Very large and double; deep glowing orange. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.

Yellow Supreme. All-America Winner. Extra-large flowers, 3 inches or more across, brilliant lemon-yellow. Pkt. 15 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.

Mixed. Shades of orange and yellow. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

French Marigolds

Ferdinand. A tall French Marigold with brown rays and golden tufts. Pkt. 15 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.

Harmony, Dwarf Double. An extra-early variety, making 12-inch mounds of bloom. The flowers are a large-crested cushion of golden yellow petals surrounded by mahogany ray petals. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.

Legion of Honor, Dwarf Single. Bushy. Flowers gold and brown. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Royal Scot, Tall Double. Large flowers of mahogany and gold in symmetrical stripes on 30-inch plants. Pkt. 15 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.

Royal Scot, Dwarf Double. Plants 12 to 15 inches tall with flat flowers irregularly striped brown and gold. Pkt. 15 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.

Finest Mixed, Dwarf Double. Double flowers of orange and yellow, variously striped and marked with reddish brown. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Other Marigolds

Collarette, Crown of Gold. Gold Medal, 1937 All-America Selections. Chrysanthemum-type flowers of deep orange surrounded by a collar of flat guard petals. Scentless foliage. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.

MARIGOLD, continued

Early Sunrise. Chrysanthemum-flowered golden yellow. Pkt. 25 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.

Orange Sunset. Immense, rich orange flowers of the Gigantea type. A glorious Marigold. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

Pot O'Gold. Dwarf plants 15 inches tall, bearing 4-inch blooms of deep golden orange. The little plants will carry a dozen blooms at a time. Pkt. 25 cts.

Signata Pumila, Little Giant. Spreading plants 6 inches high, covered with lovely little single flowers of golden yellow. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.



Marigold, Harmony

Momordica

Annual

Vigorous climbing vines with ornamental fruits, and foliage that is dense enough to make a pleasant shade.

Balsamina. Balsam Apple. Flowers yellow, with dark centers. Fruits orange. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Charantia. Balsam Pear. Pear-shaped fruits. Dense foliage. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Nicotiana

Sweet-scented Tobacco

Annual

Fine annuals for the tall border, thriving best on a deep, rich soil. They grow about 2½ feet high, with large, attractive foliage at the base and clusters of delicately fragrant trumpet-shaped flowers on long stems.

Affinis Hybrids. Pink and red shades in addition to white. A fine sweet-scented strain. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Sanderæ Hybrids. The flowers are larger than the preceding and come in white and shades of pink and red. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Nasturtiums

Annual

We know of no flowers that are easier to grow or give more general satisfaction than Nasturtiums. They do best in poor soil and they flower all summer long in all kinds of weather.

SEMI-DOUBLE VARIETIES

Dwarf Golden Globe. All-America Winner. Flowers deep golden yellow, sweet scented. Plants produce a great number of blooms which resemble the famous Golden Gleam.

Glorious Gleam Hybrids. All-America Winner. From Golden Gleam and Scarlet Gleam has been derived this remarkable new strain with glorious, semi-double flowers in a beautiful array of brilliant colors, all very sweetly scented. Every plant is a profuse bloomer.

Golden Gleam. All-America Winner. Compact plants 1 to 1½ feet high, with clear, golden yellow, semi-double flowers. In addition to the remarkable doubling of the bloom, the flowers possess a delicate scent which lacks the usual coarseness of the Nasturtium odor.

Scarlet Gleam. All-America Winner. A worthy companion to the famous Golden Gleam. The large, semi-double, fragrant flowers are dazzling scarlet. The dwarf, vigorous plants are profuse bloomers all season long.

All Semi-Double Nasturtiums, pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50

SINGLE VARIETIES

Dwarf Fine Mixed Colors. Fine for beds and edging, any place where masses of color are desired. The plants are covered with flowers in a wide range of colors from June until frost.

Tall Fine Mixed Colors. The tall or climbing Nasturtiums are useful for covering fences, or may be allowed to trail over stumps and rockwork.

All Single Nasturtiums, pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$3

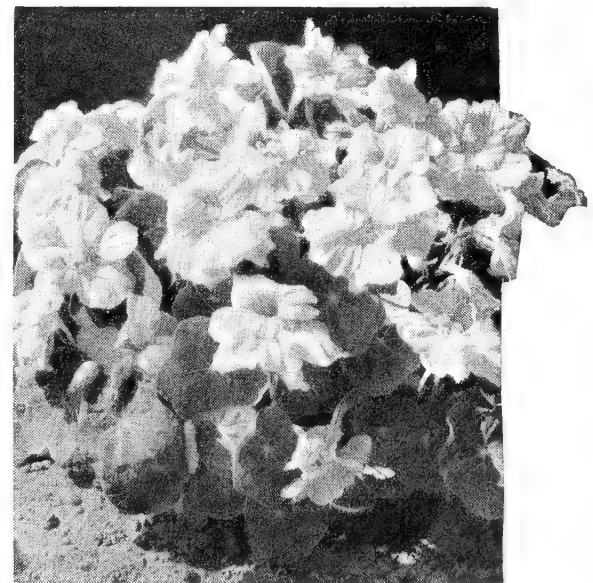
Nigella • Love-in-a-Mist

Annual

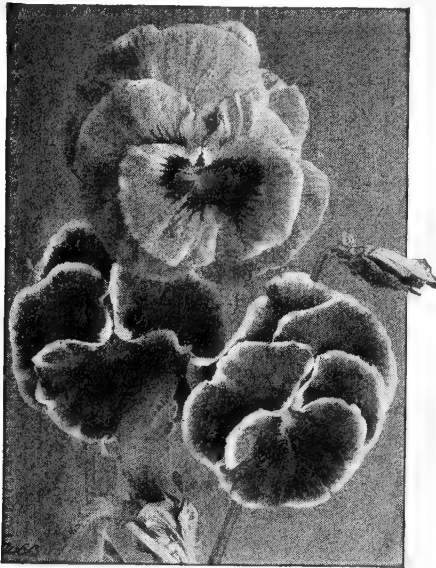
Pretty annual 1½ feet high, for bedding and cutting, easily and quickly grown from seed in any sunny spot.

Miss Jekyll, Blue. Fine double azure-blue. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Miss Jekyll, White. Flowers pure white. Double. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.



Nasturtium, Glorious Gleam Hybrids



Pansies

Pansies

The best results are secured by sowing in late July or August and protecting the young plants over winter with a covering of straw manure or a deep blanket of leaves. They will then be ready to begin blooming as soon as the weather opens up in the spring and will continue to flower until hot weather. The next best time to sow is very early in the spring, in February or March, starting the seed in a box indoors or in a coldframe and setting the plants outdoors the latter part of April. If set out in a spot that is shaded part of the day, where the soil is deep and moist, and the flowers picked daily, the plants may be kept blooming all summer.

Giants of California, Mixed. A special mixture of giant types. Pkt. 20 cts., $\frac{1}{4}$ oz. \$2.50, oz. \$9.

Mastodon, Finest Mixed. An American strain with flowers often $2\frac{1}{2}$ inches in diameter. Strong in red and purple shades. Pkt. 20 cts., $\frac{1}{4}$ oz. \$2.50, oz. \$9.

Roggli Giant Blotched, Mixed. A Swiss strain with especially fine coloring. Pkt. 20 cts., $\frac{1}{4}$ oz. \$2.50, oz. \$9.

Superfine Giants, Mixed. A fine strain with jazzy colors, rich in yellow, with many five-blotched types. Pkt. 25 cts., $\frac{1}{8}$ oz. \$1.50, $\frac{1}{4}$ oz. \$2.50, oz. \$9.

Fine Mixed Colors. A fine assortment of select varieties for bedding, including many bright and beautiful colors. Pkt. 10 cts., $\frac{1}{4}$ oz. \$2, oz. \$7.

Physalis

Perennial

Francheti. Chinese Lantern Plant. Flowers yellow with dark centers, and fruits with blood-red inflated calyx which turn bright red when ripe and resemble Chinese lanterns. Attractive when dried for winter use. Pkt. 15 cts., $\frac{1}{4}$ oz. 60 cts., oz. \$2.

Platycodon • Balloon Flower

Perennial

Erect, leafy plants bearing a profusion of inflated, balloon-like buds, opening to wide, saucer-shaped flowers. Good border perennial for late summer blooming.

Grandiflorum. Steel-blue. Pkt. 10 cts., $\frac{1}{4}$ oz. \$1, oz. \$3.

Grandiflorum album. White. Pkt. 10 cts., $\frac{1}{4}$ oz. \$1, oz. \$3.

Petunias *Annual*

For solid beds of color, borders and edging, vases and porch-boxes, in fact, for every purpose, the Petunias are surpassed by few if any of the easily grown garden annuals. They come into bloom early and continue to flower profusely all summer long, thriving on poor soil and in the hottest weather. Sow the seed in April or May, scattering it thinly on fine sifted soil and, instead of covering it, press it firmly into contact with the earth with a smooth board. When the seedlings are about 2 inches high, transplant them to the place where you want them to bloom. For extra-early flowers, start seed indoors in March or April.

LARGE-FLOWERING SINGLE FRINGED VARIETIES

Dainty Lady. An entirely new variety, with light golden yellow flowers—a shade previously unknown in Petunias. Pkt. 50 cts.

Dwarf Giants of California, Mixed. (Ramona Strain.) An improved new dwarf strain of the well-known California Giants. Flowers are large and beautifully colored, with open throats, well marked and veined. Pkt. 50 cts.

Elk's Pride. Large and very dark purple, plain edged. Pkt. 25 cts.

Pink Beauty. Clear light pink. Pkt. 25 cts.

Pride of Portland. Deep glowing rose. Pkt. 25 cts.

Scarlet Beauty. Crimson-scarlet. Pkt. 25 cts.

White Beauty. Snowy white. Pkt. 25 cts.

Ruffled Giants, Mixed Colors. Immense single flowers with ruffled and fringed petals, in all colors. Pkt. 25 cts.

SINGLE BEDDING VARIETIES

Blue Bedder. Dwarf, compact, erect plants with fine flowers of mid-blue. Pkt. 15 cts., $\frac{1}{8}$ oz. 50 cts., oz. \$2.50.

Flaming Velvet. All-America Winner. The large, showy flowers are brilliant velvety blood-red or scarlet. Pkt. 25 cts.

Hollywood Star. Silver Medal, 1939 All-America Selections. A distinct Petunia with lobes coming to needle points, making a lovely five-pointed star. The color is rich rose and the throat is amber. Compact, dwarf plants. Pkt. 25 cts.

Martha Washington. Blooms are about 3 inches across, with ruffled edges, bluish-pink, shading to dark violet in the throat; veins wine-red. Pkt. 25 cts.

Pink Gem. Grows 5 to 6 inches high, forming a compact ball completely covered with deep pink blooms 2 inches across. Pkt. 25 cts.

Rose of Heaven. Brilliant fiery rose, similar to Rosy Morn, but more brilliant. The best dwarf pink variety. Pkt. 10 cts., $\frac{1}{8}$ oz. 40 cts., oz. \$2.

Rosy Morn. Vigorous plants, 10 inches tall, compact and free-flowering. Flowers soft carmine-pink with white throat. Pkt. 10 cts., $\frac{1}{8}$ oz. 40 cts., oz. \$2.

Snow Queen. Plants of the Nana Compacta type. Cover themselves with snow-white flowers all summer and fall. A lovely variety. Pkt. 15 cts., $\frac{1}{8}$ oz. 50 cts., oz. \$2.50.

Violacea, Blue Bird. Violet-blue. Extra fine. Pkt. 10 cts., $\frac{1}{8}$ oz. 50 cts., oz. \$2.50.

Striped and Blotched, Mixed. Compact plants with flowers striped and blotched. Very striking. Pkt. 10 cts., $\frac{1}{8}$ oz. 30 cts., oz. \$1.50.

Single, Fine Mixed. An excellent assortment for bedding, including many fine colors. Pkt. 10 cts., $\frac{1}{8}$ oz. 30 cts., oz. \$1.50.

LARGE - FLOWERING DOUBLE FRINGED VARIETIES

Alldouble Giant Fringed, Mixed. A magnificent strain produced by careful hand hybridizing. The flowers are large and have beautifully frilled and crinkled petals. These Petunias make splendid pot-plants. Pkt. \$1.

Large, Double-flowering Fringed, Mixed. A fancy mixture which produces a large percentage of doubles. Pkt. 50 cts.



Petunia, Flaming Velvet

Portulaca *Annual*

The Portulacas will grow on soil too poor and in places too hot and sunny for any other flower. The plants are low and spreading, commencing to bloom in July and blooming profusely all summer. Sow the seed when the ground gets warm. Flowers like little roses.

Double. Pink, Salmon, Scarlet, White, Yellow or Mixed. Pkt. 10 cts., $\frac{1}{8}$ oz. 60 cts., $\frac{1}{4}$ oz. \$1, oz. \$3.

Single, Mixed. Very bright and attractive. Good mixture of colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., $\frac{1}{8}$ oz. 90 cts., oz. \$1.50.

Primula • Primrose

Perennial

Auricula, Large-flowering, Mixed. Fine free-blooming flower for the rockery and perennial border. Blooms in early spring. The plants are tender and should be given light protection over winter. Seed germinates slowly; may be in the ground a year before it sprouts. Pkt. 50 cts.

Pyrethrum

Perennial

Very easy to grow from seed sown any time from early spring to late summer. Seed started under glass in February will give blooming plants the first summer. Set them in full sun in fertile soil. The 2-foot flower stems make them excellent for cutting and they last very well. By cutting off the first crop of flowers a second crop will be produced in the fall.

Aureum. Golden Feather. Grown mostly for its showy golden yellow lacinated foliage. Nice for borders. Pkt. 10 cts. $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Roseum, James Kelway. Large, daisy-like flowers of deep scarlet. An excellent cut-flower. Pkt. 25 cts.

Garden Flowers in Color. Has 320 pages, 400 photographs in color with brief cultural directions. \$1.98.

Phlox Drummondii

Annual

Blooming in midsummer, these easily grown flowers make the most brilliant of beds. They prefer an open, sunny situation, but are not particular as to soil and will give good results under almost any conditions. Sow the seed in April or early May and thin the plants to stand about 4 inches apart.

TALL VARIETIES (about 15 in. high)

Crimson Violet, white eye
Lilac White
Rose, dark eye Yellow
Finest Mixed

All Tall Phlox, pkt. 10 cts., 1/4oz. \$1, oz. \$3

Gigantea, Art Shades. All-America Winner. A lovely strain with flowers over an inch in diameter of soft pastel shades, each with a distinctive eye. Bushy plants about 10 inches high. Pkt. 25 cts., 1/4oz. \$1, oz. \$3.

DWARF VARIETIES Annual

Nana compacta, Mixed. These grow about 8 inches high and quite bushy, making fine borders and ribbon beds. Mixed colors, pkt. 10 cts., 1/4oz. \$1.50, oz. \$5.

HARDY VARIETIES Perennial

Finest Mixed. Produces large heads of brilliantly colored flowers of many shades. Plants grow 2 to 4 feet high. Pkt. 10 cts., 1/4oz. \$1.50, oz. \$5.

Poppy • Papaver

Although the Poppies last for only a short time, while they are in bloom no flowers can rival them in brilliant colors. The seed is fine and should be scattered thinly in the place where the plants are wanted to bloom, as they do not transplant well. Height, 2 feet. Sow the annual sorts in April and the perennial kinds June to September.

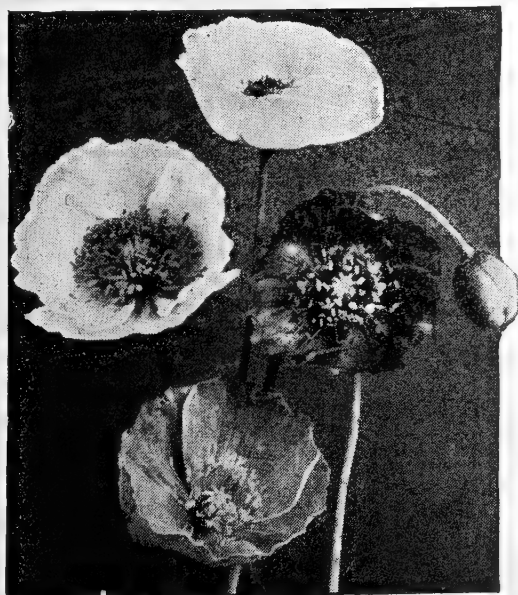
ANNUAL VARIETIES

Double Shirley, Dazzler. Double flowers of vivid orange-scarlet. Pkt. 10 cts., 1/4oz. 25 cts.

Double Shirley, Sweet Briar. Double flowers of the same color as the Single Wild-Rose-Pink. Pkt. 10 cts., 1/4oz. 25 cts.

Shirley, American Legion. Brilliant scarlet, single blooms. An improved Flanders Poppy. Pkt. 10 cts., 1/4oz. 25 cts.

Shirley, Wild-Rose-Pink. Single flowers of soft wild-rose-pink. A beautiful flower. Pkt. 10 cts., 1/4oz. 25 cts.



Papaver nudicaule

POPPIES, continued

Shirley, Mixed Colors. Probably the finest strain of annual, single-flowered Poppies. White and pale pink to bright scarlet and deep crimson, including rose with white edge, red with white edge, etc. Very showy. Pkt. 10 cts., 1/4oz. 20 cts.

Tall Peony-flowered, Mixed. Large, double flowers with plain edges in a wide range of colors. Pkt. 10 cts., 1/4oz. 20 cts.

Tulip Poppy (P. glaucum). Dazzling scarlet with a black maltese cross at center. Pkt. 10 cts., 1/4oz. 25 cts.

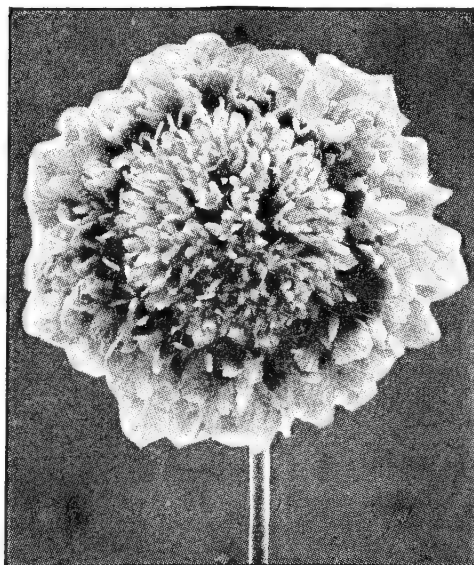
PERENNIAL VARIETIES

Nudicaule, El Monte. Large flowers of deep tangerine-orange. Pkt. 25 cts., 1/4oz. 75 cts.

Nudicaule, Sunbeam Hybrids, Mixed. A fine strain of Iceland Poppies in shades of yellow and orange. Pkt. 10 cts., 1/4oz. 50 cts.

Orientele, Scarlet. The big, bright scarlet Decoration Day Poppy. A hardy perennial form bearing immense single flowers. Pkt. 10 cts., 1/4oz. 75 cts.

Orientele, Mixed. A fine mixture of the various Oriental Poppy colors. Pkt. 10 cts., 1/4oz. 75 cts.



Scabiosa, Peach Blossom

Rhodanthe Swan River Everlasting

Annual

Mixed Colors. Can be dried in its natural colors for winter bouquets. It is an easily grown annual, about 1 1/2 feet tall, with silvery gray leaves and very pretty, little, double flowers. Pkt. 10 cts., 1/4oz. 25 cts., oz. 75 cts.

Salpiglossis • Painted Tongue

Annual

A popular, easily grown garden annual, richly colored and fine for cutting. The flowers are borne in clusters at the top of long stems and are produced very freely from midsummer to fall. Sow the seed in late April or May and thin the plants to stand about 10 inches apart.

Brown and Gold Scarlet and Gold
Golden Yellow Velvety Red
Light Blue and Gold Finest Mixed

All Salpiglossis, pkt. 15 cts., 1/4oz. 35 cts., oz. \$1



Phlox Drummondii, Art Shades

Salvia • Sage

Start the seed indoors or in hotbeds very early, during January or February if possible. When 2 to 3 inches high transplant into small pots or space to 6 inches apart. Transplant to the garden in late May, in a sunny location and rich, deeply dug soil, setting the plants at least 1 1/2 feet apart.

America. Annual. Grows about 1 1/2 feet tall. Plants a mass of light blazing scarlet. Profuse bloomer. Pkt. 10 cts., 1/4oz. \$1.50, oz. \$5.

Bonfire. Annual. A select strain, fine for mass planting, as it is very compact in growth and has exceedingly brilliant scarlet flowers. Pkt. 10 cts., 1/4oz. \$1.50, oz. \$5.

Farinacea, Blue Bedder. A fine perennial with light blue flowers on spikes about 2 feet long. Seed sown in early May should give plants that bloom from July to frost. Pkt. 15 cts., 1/8oz. \$1.10, 1/4oz. \$1.75, oz. \$6.

Splendens. Annual. The original Scarlet Sage. It grows about 2 feet tall and is covered with large, bright red blossoms all summer long. Pkt. 10 cts., 1/4oz. \$1, oz. \$3.

Zurich. Annual. An early variety only 1 foot high. Pkt. 10 cts., 1/4oz. \$1.50, oz. \$5.

Scabiosa • Mourning Bride

Annual

One of the finest annuals for cutting. Grows in almost any situation; 2 1/2 to 3 feet high; blooms for a long season.

Azure Fairy. Azure-blue.

Black Prince. A very dark purple.

Cherry-Red. A nice shade of red.

Loveliness. Soft salmon-rose.

Peach Blossom. Peach-blossom-pink.

Shasta. Pure white.

Above Scabiosa, pkt. 15 cts., 1/4oz. 25 cts., oz. 75 cts.

Blue Moon. Honorable Mention, 1939 All-America Selections. Erect, free-blooming plants with thick heads of deep lavender-blue. Pkt. 25 cts., 1/8oz. 75 cts., 1/4oz. \$1.25, 1/2oz. \$2.

Giant-flowered, Mixed. Pkt. 10 cts., 1/4oz. 25 cts., oz. 75 cts.

Schizanthus • Butterfly-Flower

Annual

Wisetonensis Excelsior compactus. A dainty little plant 6 inches high, adapted to bedding and borders. Blooms freely during the entire summer. An excellent pot-plant. Finest mixed, pkt. 15 cts., 1/4oz. \$1.25.

Stock • Gilliflower

Annual

Large-flowering, Mixed. The old-fashioned Ten-Weeks Stocks are beautiful, free-flowering, sweet-scented annuals, requiring a mellow soil. Sow the seed in April or May and give the plants 12 to 15 inches of space. Pkt. 10 cts., 1/4oz. \$1.25, oz. \$2.50.

Sweet Peas,
Captain Blood

Sweet Peas

Annual

Sweet Peas bloom best in an open, sunny situation. Keeping the flowers picked as fast as they open prolongs the period of bloom. The old-fashioned or Grandiflora type of Sweet Peas are hardy and very floriferous and the flowers are heavily scented, although of only medium size and rather stiff in form. The new Spencer or Waved Sweet Peas are much larger and finer in form as well as colors, but not quite so free-blooming. Modern gardeners and florists as a rule grow only the Spencer varieties. Plant as early as the ground can be worked, in deeply prepared rich soil. Never allow the soil to dry out after the plants appear.

Scott's Summer-flowering Spencers

Distinguished by giant size, often measuring 2 inches in diameter, and by beautifully waved petals. Hundreds of varieties are known to specialists and new sorts are being constantly produced by English and American breeders, but we believe that the varieties we offer comprise the best and most satisfactory of the new as well as old, in all of the favorite colors.

One ounce of seed will plant a row about
15 feet long

Ambition. Rosy lavender.
Avalanche. Glistening white.
Black Diamond. Dark maroon.
Campfire. Vivid scarlet.
Captain Blood. Brilliant scarlet.
Damask Rose. Deep rose.
Fiery Cross. Orange-cerise.
Fluffy Ruffles. Light cream-pink.
Gigantic. Best white.
Gleneagles. Large; pale lavender.
Grand Slam. Cerise-scarlet.
Jubilee. Scarlet.
Leviathan. Rich maroon.
Mastercream. Cream.
Mrs. A. Searles. Bright salmon.
Prince of Orange. Deep orange.
Pinkie. Large; rose-pink.
Reflection. Clear blue.
Ruffled Mauve. Pure mauve.
The Admiral. Violet-blue.
Welcome. Dazzling scarlet.

All Spencer Sweet Peas, pkt. 10 cts.,
oz. 30 cts., ¼lb. \$1, lb. \$3

Sweet Pea Mixture

Scott's Finest Mixed Spencers. A wonderful mixture of finest varieties in many beautiful colors. Pkt. 10 cts., oz. 25 cts., ¼lb. 60 cts., lb. \$2.

Scott's Finest Mixed Grandiflora. The old-fashioned, deliciously fragrant kind. Oz. 10 cts., ¼lb. 30 cts., lb. \$1.

Sweet William *Dianthus barbatus*

Biennial

A great favorite in all gardens. Easily grown from seed. The flowers are borne in large trusses and are delightfully fragrant. Sow any time from early spring to July. The plants should stand at least 8 inches apart.

Double Varieties, Mixed Colors. The double flowers are very attractive in form as well as colors. Pkt. 10 cts., ¼oz. 60 cts., oz. \$2.

Newport Pink, Single. A single variety of a salmon-rose shade. Fine cut-flower. Pkt. 10 cts., ¼oz. \$1, oz. \$3.

Single Varieties, Mixed Colors. A wide range of colors, many with distinct "eyes" or margins of a different shade. Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

Thunbergia • Black-eyed Susan

Annual

A slender climbing or trailing annual with many little flowers, varying from palest primrose to deep buff-yellow, all with dark centers, from which it derives its common name. Start indoors in February or March. Pkt. 10 cts., ¼oz. 35 cts., oz. \$1.

Tithonia • Mexican Sunflower

Annual

Speciosa. A tall, branching, half-hardy annual with very striking rich orange-scarlet flowers. Fine for clumps in the tall border. Grows 6 feet or more high. Pkt. 15 cts., ¼oz. 50 cts., oz. \$1.75.

Verbena

Annual

Low, spreading plants with handsome dark green foliage and great clusters of sweet-scented flowers all summer long. Old favorites for low beds and edging, also for boxes and vases. Sow indoors in February or March.

GRANDIFLORA GIGANTEA HYBRIDS. A showy type with giant flowers in fine heads. The colors are brilliant and stand out against the lovely green foliage. A continuous bloomer from midsummer on.

Beauty of Oxford. Spectacular heads of nice form. The color-range is from rose-pink to rose-red.

Lavender Glory. Large flowers of pure lavender with a creamy white eye.

Royale. Royal blue, creamy yellow eye.
Scarlet Queen. Rosy scarlet, large white eye.

Spectrum Red. Intense bright red.
All Grandiflora Gigantea Hybrids, pkt. 15 cts.,
¼oz. 75 cts., oz. \$2.50

MAMMOTH HYBRIDS. These varieties produce extra-large flower-heads with individual florets often measuring an inch across.

Auricula-Eyed, Mixed.
Blue Shades.

Defiance. Scarlet.
Italian, Striped, Mixed.
Lucifer. Brilliant scarlet.
Pink and Rose Shades.
White.

Mammoth, Mixed.
All Mammoth Hybrid Verbenas, pkt. 10 cts.,
¼oz. 35 cts., oz. \$1

Choice Mixed. Pkt. 10 cts., ¼oz. 25 cts.,
oz. 75 cts.

Veronica • Speedwell

Perennial

Spicata. Sturdy plants bearing erect spikes of dark blue flowers in midsummer. A good low perennial about 18 inches tall, useful for garden decoration and cutting. Pkt. 10 cts., ¼oz. 75 cts., oz. \$2.25.

Vinca rosea

Madagascar Periwinkle

Annual

Forms handsome, bushy bedding plants that bloom profusely all summer from seed sown indoors in February or March, and is fine for pot culture. Height, 1 to 1½ feet.

Finest Mixed. An excellent assortment of Red, White with Rose center, Pure White, and Pink. Pkt. 10 cts., ¼oz. 50 cts., oz. \$1.50.

Viola

Finest Mixed. The most attractive colors of this desirable spring flower. Pkt. 25 cts., ¼oz. 75 cts., oz. \$2.50.

Wallflower Perennial

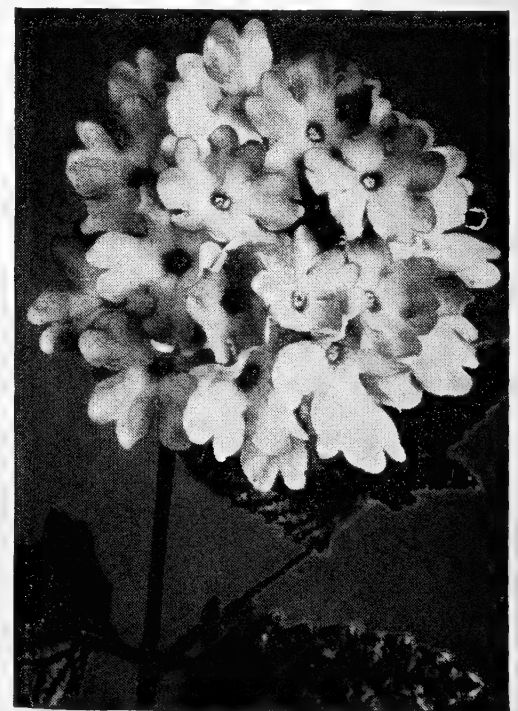
The Wallflowers are perennials but in our rigorous climate they require protection over winter and are best carried over in a cold-frame. Sow the seed indoors in March or outdoors late in May and space the plants about 8 inches apart. The flowers are clustered on spikes 1½ feet tall, and are very fragrant.

Double Varieties, Extra-Fine Mixed. Artistic shades of copperyred, bright brown, bronzy yellow, etc. Pkt. 10 cts., ¼oz. 75 cts., oz. \$2.

Wild Cucumber Vine

Annual

Lobata. A very rapid-growing, vigorous climber, often running 30 to 40 feet in a season. It bears small, white, slightly fragrant flowers, followed by spiny seed-pods. Pkt. 10 cts., ¼oz. 20 cts., oz. 60 cts.



Verbena, Beauty of Oxford

ZINNIAS • Youth and Old Age

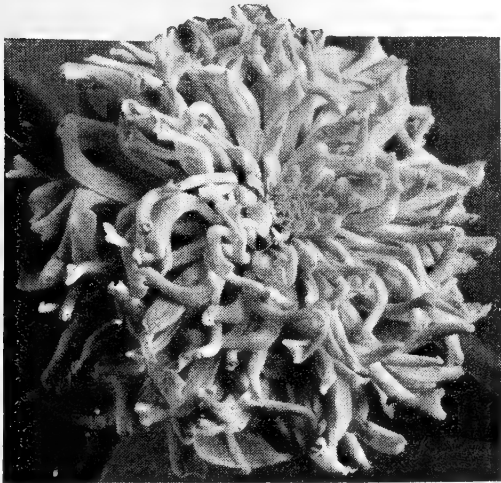
Few flowers provide a more gorgeous display with less care or attention; all they require is a sunny spot to cause them to grow and bloom vigorously from early summer until frost. The seed may be sown in the garden any time during April or May and the plants thinned or transplanted to stand 8 to 18 inches apart, according to variety. The largest specimen blooms are produced on plants that are grown on a mellow, moderately rich soil and given ample room to develop.

GIANT DOUBLE DAHLIA-FLOWERED VARIETIES. Plants 2½ to 3 feet high, bearing huge, double flowers resembling the Show type of Dahlia.

Crimson Monarch. Deep crimson.
Dream. Deep rosy lavender.
Exquisite. Light rose, deep rose center.
Giant Attraction. Brick-red.
Golden Dawn. Golden yellow.
Illumination. Deep rose.
Oriole. Orange and gold bicolor.
Scarlet Flame. Bright scarlet.
Will Rogers. Brilliant scarlet-red.
Finest Mixed. All colors.

All Giant Double Dahlia-flowered Zinnias, pkt. 15 cts., ¼oz. 40 cts., oz. \$1.25

ELEGANS, CURLED AND CRESTED. Tall, double flowers with the petals artistically twisted and curled. Pkt. 10 cts., ¼oz. 35 cts., oz. \$1.



Zinnia, Fantasy

FANTASY

A novelty that has created a sensation wherever shown. Stems long and strong.

Rosalie. Fantasy type flowers in various shades of rose and pink. Free-blooming plants. Pkt. 15 cts., ¼oz. 90 cts., oz. \$3.

Star Dust. Clear golden yellow flowers. Blooms early and generously. Pkt. 15 cts., ¼oz. 60 cts., oz. \$2.

Fantasy Mixed. Striking rich colors; medium-sized flowers. Splendid cutting material. Pkt. 10 cts., ¼oz. 50 cts.

DOUBLE GIANT VARIETIES. Large, very double flowers, fine for cutting.

Canary-Yellow, Crimson, Deep Rose, Purple, Scarlet, White or Mixed. Pkt. 10 cts., ¼oz. 35 cts., oz. \$1.

DOUBLE MEXICAN HYBRIDS

Haageana, Finest Mixed. Small flowers on low, bushy plants, making a fine display over a long season. Stems are long enough for cutting. Pkt. 15 cts., ¼oz. 40 cts., oz. \$1.25.

DWARF DOUBLE VARIETY. Cut-and-Come-Again. An excellent bedding type not over 2 feet tall. Distinct colors. Finest Mixed. Pkt. 10 cts., ¼oz. 35 cts., oz. \$1.

POMPON or BABY DWARF VARIETIES. A popular type for cutting. Small compact flowers. Plants 1½ to 2 feet tall.

Canary Gem, Salmon Gem, Crimson Gem, Lilac Gem, Purple Gem, Rosebud, Scarlet Gem, Valencia (Orange) or **Mixed.** Pkt. 10 cts., ¼oz. 35 cts., oz. \$1.

SCABIOSA-FLOWERED. Resembles the annual Scabiosa, with ray petals surrounding a large cushion.

Giant Crested. A new large-flowered crested variety with shades of orange, yellow, scarlet, maize, and crimson predominating. Lovely for cutting and garden decoration. Pkt. 25 cts.

Finest Mixed. Pkt. 15 cts., ¼oz. 75 cts.



Double Dahlia-flowered Zinnia

Flower Seed Mixtures

Scott's Annual Cut-Flower

Here is a mixture of annuals that we do not hesitate to recommend. Anyone is sure to have success with it, and it provides continuous bloom all summer. Pkt. 10 cts., ½oz. 25 cts., oz. 45 cts., ¼lb. \$1.50.

Scott's Annual Rock-Garden

A carefully selected assortment suitable for the rockery. Especially useful to fill vacancies. Pkt. 10 cts., ¼oz. 35 cts., oz. \$1.

Scott's Perennial Rock-Garden

A fine collection for permanent plants for the rock-garden. Recommended to the beginner. Pkt. 25 cts., ¼oz. 75 cts., oz. \$2.50.

GARDEN BOOKS

Five Popular Garden Books

VEGETABLE GARDENING IN COLOR. By Daniel J. Foley. Expert and practical directions for growing all the common vegetables, herbs and berries. A valuable guide for Victory gardeners. 256 pages; 150 pictures in full color. \$2.50.

1001 GARDEN QUESTIONS ANSWERED. By Alfred C. Hottes. Answers all kinds of garden questions and gives very useful information for the amateur gardener. 388 pages; 214 illustrations. Cloth, \$2.50.

GARDEN GUIDE. A most complete book for the amateur. Written by 28 authors. Covers the entire place from landscaping through the finished garden, both fruit, vegetable, and flower. Chapters on soils, fertilizers, diseases, insects, propagation, transplanting, pruning, winter protection, etc. 576 pages; over 300 illustrations. Cloth, \$2.

HOW TO GROW ROSES. By McFarland and Pyle. A completely rewritten edition of America's most popular rose book. 192 pages; 40 illustrations in color. 31 in black and white, and 62 line drawings. \$1.

GARDEN FLOWERS IN COLOR. By G. A. Stevens. It has 400 flower pictures in full color. There is a picture on every page, and the brief cultural directions are directly opposite the illustrated flower. 320 pages; 400 photographs in color. \$1.98.

THE BOOK OF BULBS. By F. F. Rockwell. Here is the "last word" on bulbs and how to grow them, both outdoors and inside the home. 264 pages; 187 illustrations. \$2.50.

ALL ABOUT FLOWERING BULBS. By T. A. Weston. 186 pages; 8 full-page color-plates; 65 full-page half-tones. Cloth, \$2.

MODERN DAHLIA CULTURE. By W. H. Waite. 134 pages; 6 full-page color-plates and 24 half-tones. Cloth binding, \$1.50.

HOW TO GROW FOOD FOR YOUR FAMILY. By Samuel R. Ogden. Written in simple language, it tells all about growing vegetables as well as canning, pickling and preserving. Very timely. 137 pages, \$2.

GLADIOLUS. By F. F. Rockwell. 79 pages; 45 illustrations. \$1.25.

ROSES. By F. F. Rockwell. 86 pages; illustrated. \$1.25.

PRINCIPLES OF FRUIT GROWING. By L. H. Bailey. Tells how to plant, cultivate, prune, and spray. 186 illustrations; 432 pages. \$3.50.

MANUAL OF GARDENING. By L. H. Bailey. 539 pages; 350 illus. \$3.50.

PEONIES. By F. F. Rockwell. Tells all about peonies, where and how to grow them, their planting, care, cultivation, propagation, and protection. Illustrated with photographs and drawings. \$1.25.

SUCCESS WITH HOUSE PLANTS. By Kift and Hedenberg. 80 pages; 29 illustrations. 75 cts.

WATER GARDENS AND GOLDFISH. By R. V. Sawyer and E. H. Perkins. 272 pages; 126 illustrations. Cloth, \$2.

ROCK-GARDEN PRIMER. By Archie Thornton. 140 pages; 4 color-plates and 70 other illustrations. Leatherette, \$2.

ROCK-GARDENS. By F. F. Rockwell. Shows just how you can build a rock-garden yourself, on a small or large scale, and at little expense. Let this practical book demonstrate the fascination of this form of gardening and guide you to success. 86 pages; 31 illustrations. \$1.25.

EVERGREENS FOR THE SMALL PLACE. By F. F. Rockwell. All the information you need to make the best use of evergreens is in this handy book. 84 pages; 67 illustrations. \$1.25.

LANDSCAPING THE SMALL HOME. By Edward W. Olver. 160 pages; 90 illustrations. \$1.

ANNUALS FOR YOUR GARDEN. By Daniel J. Foley. Contains full cultural directions for 90 annual flowers. 97 pages, 32 full color-plates. \$1.

PLANT PROPAGATION. By Alfred C. Hottes. Easily understood by the amateur but covers propagation by all the approved commercial methods. Revised edition. 238 pages; 136 illustrations. Cloth, \$2.

GARDEN BULBS IN COLOR. By McFarland, Hatton and Foley. Has 275 color plates and 100 beautiful half-tones. Complete cultural notes are included. 296 pages. \$1.98.

LAWNS. By F. F. Rockwell. Shows both how to start a lawn right and how to keep it smooth. 87 pages; 39 illustrations. \$1.25.

CLIMBING ROSES. By G. A. Stevens. A companion volume to "How to Grow Roses." 31 color-plates and 32 half-tone illustrations. Cloth, \$2.

THE BOOK OF ANNUALS. By Alfred C. Hottes. 180 pages; 122 illustrations. Cloth, \$1.50.

PERENNIAL GARDENS. By H. S. Ortloff. 90 pages; 18 illustrations. \$1.25.

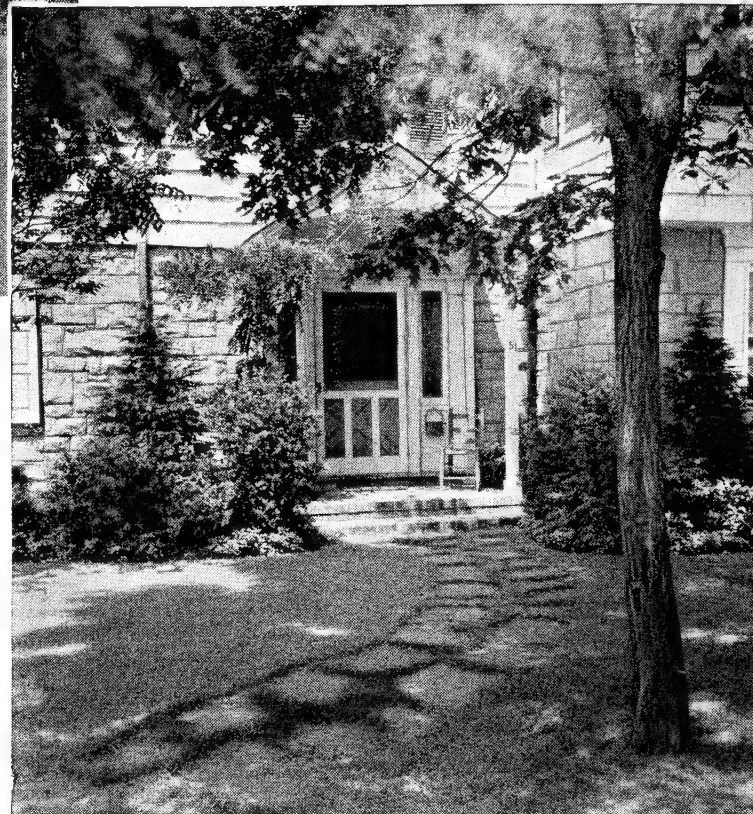
THE BOOK OF PERENNIALS. By Alfred C. Hottes. 280 pages; over 100 illustrations. Cloth, \$2.

THE BOOK OF SHRUBS. By Alfred C. Hottes. 446 pages; 184 illustrations. Cloth, \$3.

If the book you are wanting is not listed, give us the subject and we will be glad to tell you what is available, and the price



The Finest Lawns in **Western Pennsylvania** are made with **SCOTT'S LAWN SEED**



SCOTT'S "PURITY" LAWN GRASS SEED

This is the mixture we recommend for general lawn sowing. It has proved satisfactory to our customers for many years. Produces a lustrous, well-established turf of an even tone of rich green that, with proper care, will last for many years. Composed of the highest grades of re-cleaned seeds procurable. Thousands of beautiful lawns attest the quality of this mixture.

For new lawns, sow at the rate of 1 pound to each 250 square feet, or 150 pounds per acre. For lawn maintenance, sow about 1 pound to each 400 square feet or about 100 pounds per acre.

1/2 lb. 35 cts., 1 lb. 60 cts., 2 lbs. \$1.15, 5 lbs. \$2.75, 10 lbs. \$5.25, 25 lbs. \$12.25, 50 lbs. \$23.50, 100 lbs. \$45.

SCOTT'S "SUPERFINE" LAWN SEED

For those who prefer a lawn with Bent Grass we offer our Superfine Lawn Seed Mixture. The mixture consists of extra-heavy weight Kentucky Blue Grass, Fancy re-cleaned Red-Top and Colonial Bent Grass and mixed in the correct proportions to produce a luxuriant, velvety and permanent turf. It is 98% pure.

One pound sows 400 square feet, 100 pounds an acre. A measured bushel weighs about 32 pounds.

1/2 lb. 40 cts., 1 lb. 75 cts., 2 lbs. \$1.45, 5 lbs. \$3.50, 10 lbs. \$6.50, 25 lbs. \$14, 50 lbs. \$27, 100 lbs. \$52.

SCOTT'S "EVERGREEN" LAWN GRASS MIXTURE

This mixture has been prepared for those requiring a moderate-priced lawn grass seed. We believe it is unequaled at the price.

1/2 lb. 30 cts., 1 lb. 50 cts., 2 lbs. 90 cts., 5 lbs. \$2.15, 10 lbs. \$4, 25 lbs. \$9.50, 50 lbs. \$18.50, 100 lbs. \$35.

SCOTT'S "SHADY" LAWN MIXTURE

There are only a few good grasses thriving in shade so we have put them all together here. We believe you will get surprisingly good results from this mixture. Use same quantities as Scott's Purity.

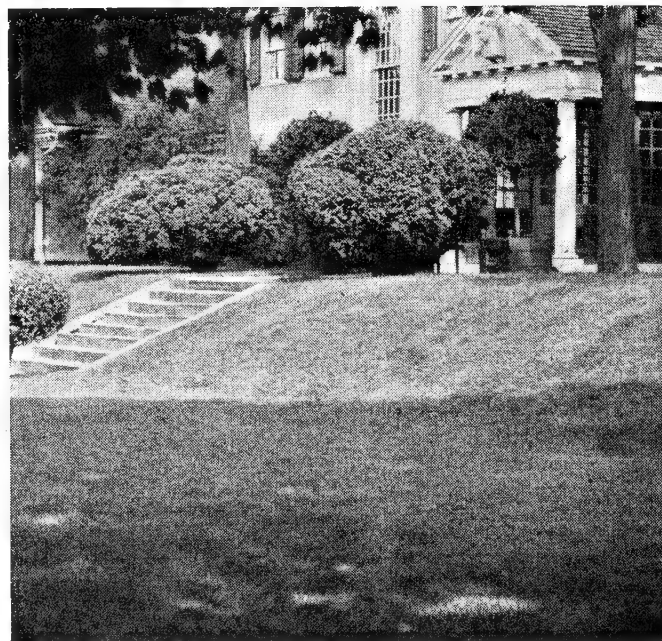
1/2 lb. 40 cts., 1 lb. 75 cts., 2 lbs. \$1.45, 5 lbs. \$3.50, 10 lbs. \$6.50, 25 lbs. \$15, 50 lbs. \$28.50, 100 lbs. \$55.

SCOTT'S "FAIRWAY" MIXTURE

Down the fairway the turf must be pleasing to the eye and tough enough to stand close clipping and considerable wear and tear. Our mixture answers those requirements.

Fairways do best when seeded liberally.

5 lbs. \$3.25, 10 lbs. \$6, 25 lbs. \$12.50, 50 lbs. \$24, 100 lbs. \$46.



SCOTT'S "TERRACE" LAWN MIXTURE

Grasses with strong, well-developed root-systems quickly established, have been selected for difficult terraces where this mixture has given unqualified satisfaction for several years.

1/2 lb. 35 cts., 1 lb. 60 cts., 2 lbs. \$1.15, 5 lbs. \$2.75, 10 lbs. \$5.25, 25 lbs. \$12.25, 50 lbs. \$23.50, 100 lbs. \$45.

SCOTT'S "ATHLETIC FIELD" MIXTURE

This calls for good appearance and the toughness of an elephant's hide. Our mixture produces a turf that is just that, standing the gouging of cleated shoes and the pounding of running feet. Seed liberally.

5 lbs. \$3.50, 10 lbs. \$6.50, 25 lbs. \$14, 50 lbs. \$27, 100 lbs. \$52.

SEPARATE VARIETIES OF GRASS SEEDS

All Recleaned and of Highest Quality

MIXED CREEPING BENT. A superior Grass for putting-greens on account of its dwarf growth and its narrow leaves. It will grow and make good turf in good or bad soils, and dry weather or heavy rains seem to have no serious effects. About forty pounds of seed are required for an acre. Lb. \$1.30, 5 lbs. \$6, 10 lbs. \$11.50, 25 lbs. \$26.25.

COOS COUNTY BENT or SEASIDE BENT (*Agrostis alba maritima*). A fine-leaved bright green Grass used principally on golf-courses for putting-greens. Its texture is fine and uniform, and under good cultural conditions, on soils of reasonable fertility, it will form a sod very quickly. It makes a very good growth in rather dense shade, and spreads with great rapidity. Lb. \$1.30, 5 lbs. \$6, 10 lbs. \$11.50, 25 lbs. \$26.25.

COLONIAL BENT (*Agrostis tenuis*). A tight, thick turf, permanent under close mowing. For putting-greens and fairway mixtures. Lb. \$1.30, 5 lbs. \$6, 10 lbs. \$11.50, 25 lbs. \$27.50.

ASTORIA BENT (*Agrostis tenuis*; *Astorian*). An underground creeper making a deep, heavy sod of fine texture and color. Lb. \$1.30, 5 lbs. \$6, 10 lbs. \$11.50, 25 lbs. \$27.50.

RED-TOP (*Agrostis alba*). A valuable Grass for hay, pasture or lawn. About fifteen to twenty pounds of seed will be required for an acre. Lb. 50 cts., 10 lbs. \$4.50, 25 lbs. \$10.

KENTUCKY BLUE GRASS (*Poa pratensis*). Kentucky Blue Grass is most valuable for pastures and lawn planting. For lawns it is indispensable and, when well established, the lawn will last for years, as the Grass makes an extra-close fine-textured turf. The seed should be mixed with other Grasses that mature earlier, for Blue Grass is very slow in both germinating and maturing. Lb. 60 cts., 10 lbs. \$5.50, 25 lbs. \$12.50.

PERENNIAL RYE GRASS (*Lolium perenne*). A fine-leaved Grass, not as coarse as the ordinary variety and more resistant to cold. An excellent green on fairways or anywhere that a quick-growing sod is needed. An excellent nurse Grass for slow-germinating Grasses. Lb. 50 cts., 10 lbs. \$4.50, 25 lbs. \$10.

DOMESTIC RYE GRASS. A mixture of Italian and English Rye Grass grown in the United States. Quick-growing; often used for a temporary turf. Lb. 35 cts., 10 lbs. \$3, 25 lbs. \$5.25.

ITALIAN RYE GRASS (*Lolium italicum*). Makes a dense turf when sown thickly or mixed with other Grasses. It is most useful on medium moist soils and grows very rapidly into a bright green sod. None to offer. Domestic Rye Grass a suitable substitute.

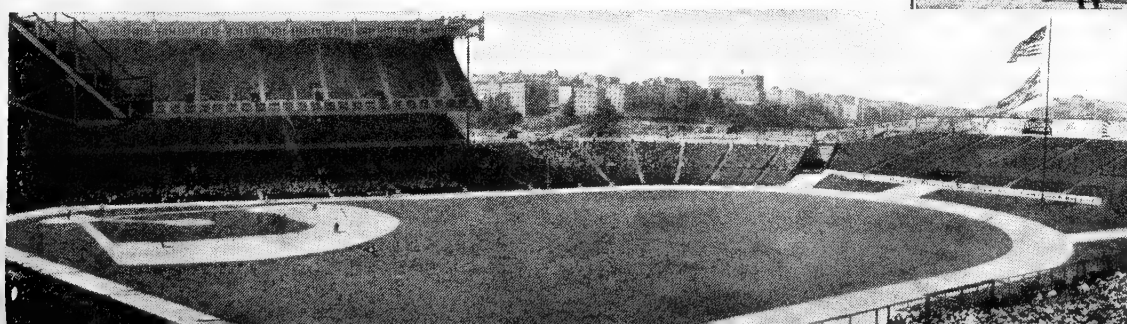
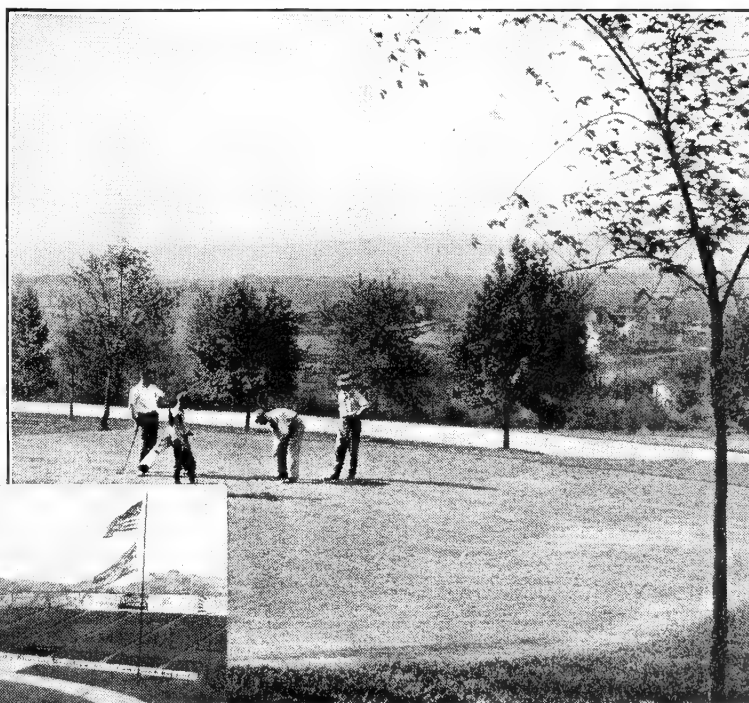
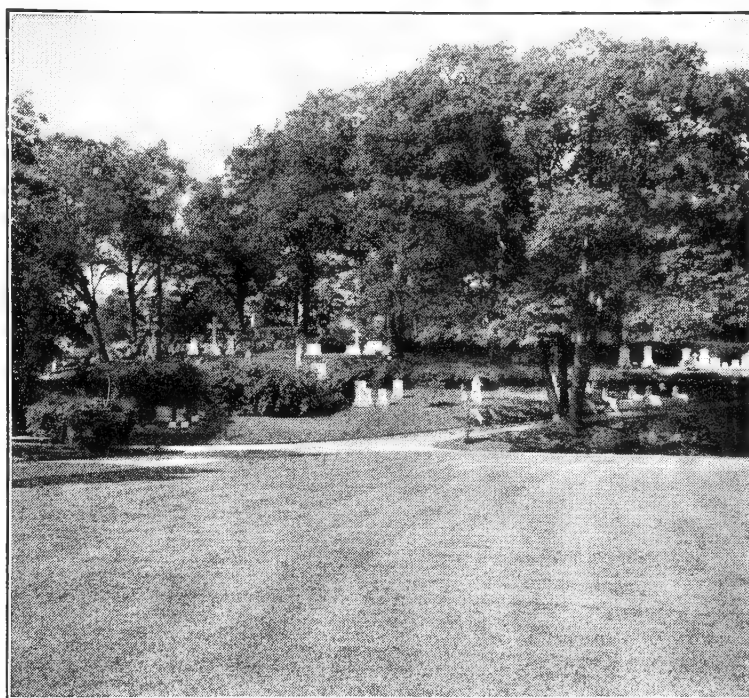
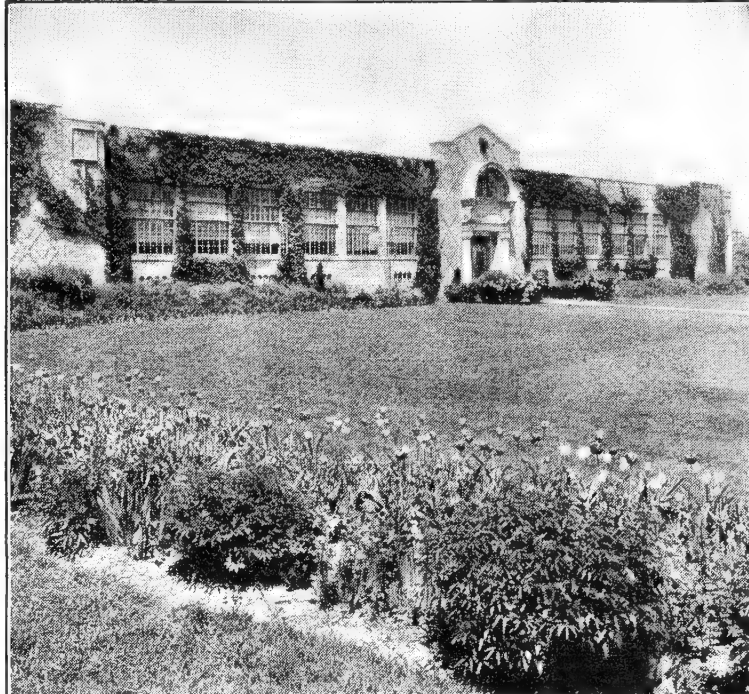
CREEPING RED FESCUE (*Festuca rubra*). A creeping, turf-forming grass especially valuable for lawns. Color is deep green, with fine, needle-like leaves and a strong creeping root system. Thrives on all types of soil and is well adapted to shady situations. Lb. \$1.25, 5 lbs. \$5.75, 10 lbs. \$11, 25 lbs. \$26.25.

CHEWING'S FESCUE (*Festuca rubra fallax*). A fine, needle-like sod excellent for putting-greens and lawns. Resistant to heat, drought, and hard wear. Lb. \$1.10, 5 lbs. \$5.25, 10 lbs. \$10, 25 lbs. \$23.75.

TIMOTHY (*Phleum pratense*). One of the most important hay Grasses, sometimes used to nurse lawns made on rough soil. Lb. 25 cts., 5 lbs. \$1, 10 lbs. \$1.65.

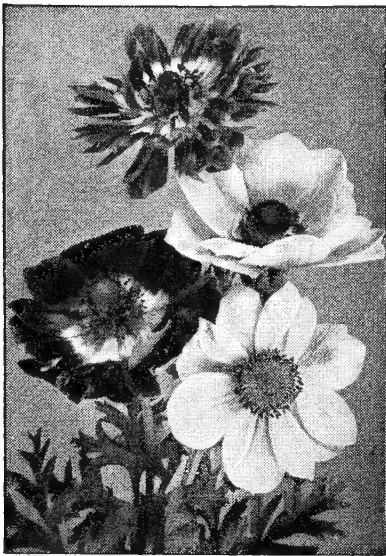
WHITE DUTCH CLOVER (*Trifolium repens*). Valuable for quick lawns and permanent pastures. $\frac{1}{4}$ lb. 40 cts., $\frac{1}{2}$ lb. 70 cts., lb. \$1.25, 5 lbs. \$5.75, 10 lbs. \$10.50.

Prices on larger quantities quoted on request. Above prices subject to market changes. For description of farm seeds, see pages 50 to 53.



SUMMER-FLOWERING BULBS

All Bulbs Sent Postpaid at Prices Quoted



Anemone, St. Brigid

Anemone • Windflower

Suitable for pot or border culture and for massing. Soak bulbs 24 hours before planting.

Blue Poppy. A newer variety of a sky-blue color.

De Caen. A very large-flowered, single strain of unique beauty. All colors.

His Excellency. Rich crimson flowers from June until frost.

St. Brigid. Very large, vivid flowers of scarlet, pink, purple, etc.

All Anemones, 10 cts. each, \$1 per doz., \$7 per 100



Ismene calathina

Begonias, Tuberous-rooted

Bulbs are hollowed on one side and in planting the hollowed side must be up. They make strong, fleshy stems a foot or more high, with big, bristly, very beautiful leaves, crowned by flowers of enormous size and almost unbelievable brilliance. Blooms $4\frac{1}{2}$ to 5 inches across are not unusual. They should be started in pots or pans indoors in February or March, and transplanted to the garden about the time that corn is growing well. They may also be started outdoors at the same time but will bloom later. Separate colors: **Single varieties, white, scarlet, pink, or yellow flowers; Double varieties, red, salmon, rose, or orange flowers.** Above varieties, 25 cts. each, \$2.50 per doz., \$20 per 100.

Red Sensation. New. Brilliant red flowers. Profuse bloomer. 75 cts. each, \$7.50 per doz.

Caladium esculentum

Elephant's Ear

For imposing masses of tropical foliage there is nothing so effective or so easily grown as the Elephant's Ear. The plants grow from 3 to 5 feet high. Plant the bulbs late in May, after all danger from frost is past, spacing them 2 to 4 feet apart and covering them a few inches deep. The larger the bulb, the larger the plant and the more space required. If extra-large plants are desired, start the bulbs indoors in pots or large boxes, in March or early April, and transplant to the open about June 1. Give plenty of water throughout the season; liquid manure is very beneficial.

	Each	Doz.	100
7 to 9-in. circ....	\$0 25	\$2 50	\$15 00
9 to 11-in. circ....	30	3 00	20 00

Gloxinia

Beautiful velvety flowers of trumpet shape produced by tender, tropical bulbs which may be grown in pots or greenhouse benches. The large foliage is covered with plush-like hairs, and should not be wet. Keep them warm at all times.

Crimson Mottled **Rose Violet** **White Mixed Colors**

All Gloxinias, 50 cts. each, \$5 per doz.

Hyacinthus candicans

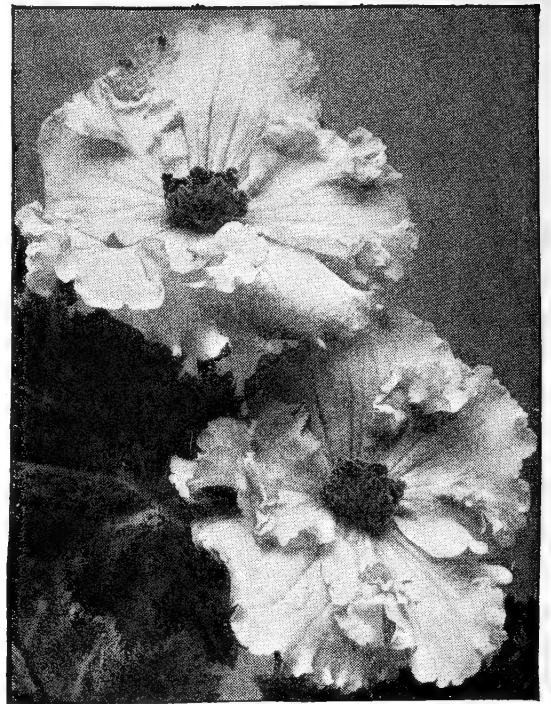
Summer Hyacinth

Tall spikes with scores of drooping, bell-shaped white flowers in midsummer. Very attractive and unusual. Handle like gladiolus. 10 cts. each, \$1 per doz., \$7 per 100.

Ismene calathina

Peruvian Daffodil

Enormous, richly fragrant white flowers of the amaryllis type, curiously cupped and most attractive. Grow in warm, sunny soil and treat like gladiolus, except that they cannot be set out until corn is growing outdoors, and the bulbs should be kept warm in winter. 30 cts. each, \$3.00 per doz.



Tuberous-rooted Begonias

Summer-blooming Oxalis

Charming low, bushy plants for growing in pots or borders, with clover-like leaves and round, cheerful flowers of various shades of pink and crimson which close at night. Continue in bloom for many weeks. 10 bulbs 20 cts., \$1.75 per 100.

Ranunculus

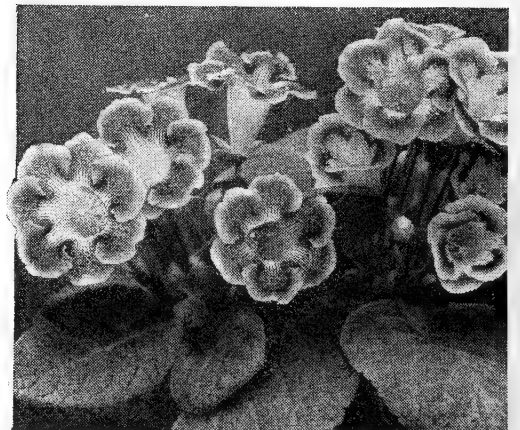
Finest Mixed. Fine, brilliantly colored, double flowers on stems over a foot long for cutting. Double and semi-double, and produced in abundance. 10 cts. each, \$1 per doz., \$7 per 100.

Tuberose

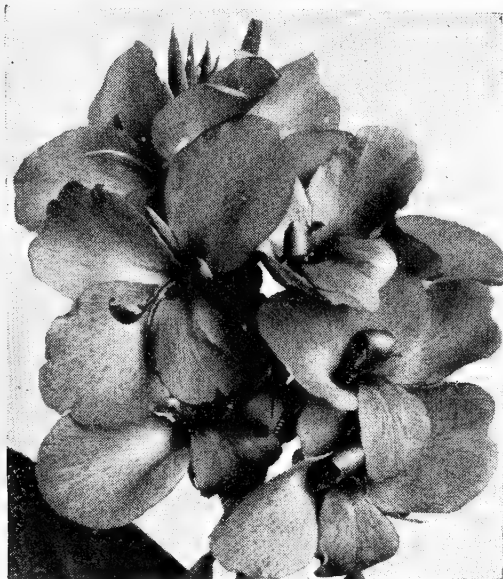
Old-fashioned flowers valued for their fragrance. Start the bulbs indoors in March and transplant to the open in early May.

White Pearl. The best variety. Flowers creamy white, large, and double.

	Each	Doz.	100
First-Size Bulbs...	\$0 15	\$1 50	\$10 00



Gloxinia



Canna

Cannas

Roots may be started indoors in pots or shallow boxes in March or April and planted out late in May. Dormant roots should not be planted outdoors until the ground warms up.

For best results beds should be dug at least 18 inches deep and generous quantities of manure well mixed with the soil.

15 cts. each, \$1.50 per doz., \$10 per 100

City of Portland. Clear glowing rosy pink flowers of unusually large size. Broad, rich green leaves. Wonderfully effective and the best Canna of its color. Height 3½ feet.

Eureka. The best white-flowering Canna for bedding. Height 4½ feet.

King Humbert. On account of its rich purplish bronze foliage, one of the most handsome. Flowers orange-scarlet, freely produced for a long season. Height 4½ feet.



Lilium regale

The President. Enormous glowing scarlet flowers of wonderful substance borne erect on strong stems; luxuriant deep green foliage. Blooms continuously from midsummer until frost. Height 4 feet.

Yellow King Humbert. A large-flowered yellow variety, popular for tall beds. Flowers deep yellow, blotched with red; leaves dark green. Height 5 feet.

Hardy Lilies

Showy garden flowers of the utmost beauty and stateliness, which are enormously popular just now. Plant them 6 to 8 inches deep and as early as possible in well-drained unfertilized soil, and let them alone. Spread an inch of sharp sand under each bulb to provide drainage. Cover with litter when hard frosts come.

Regale (The Royal Lily). Enormous, trumpet-shaped flowers with waxen white petals suffused with gold inside and stained with purple outside; fragrant. Does well in almost any situation, growing 2 to 4 feet high and bearing its blooms in a whorl at the top. 50 cts. each, \$5 per doz.

Tenuifolium (Coral Lily). Small flowers of bright coral-scarlet, produced in generous quantities on 1½-foot plants in June. 35 cts. each, \$3.50 per doz.

Tigrinum splendens (Tiger Lily). Grows 4 to 6 feet tall; flowers orange-red and brown. 25 cts. each, \$2.50 per doz.

Umbellatum. Sturdy, 2-foot plants bearing umbellate heads of erect, spreading flowers of rich orange. Easy to grow. June bloom. 35 cts. each, \$3.50 per doz.

Hardy Perennials

DAPHNE Cneorum. Garland Flower. Unusually attractive, dwarf, bushy evergreen plant bearing bright pink flowers at tip of every branch during May and August. 7 to 9 inches. \$1.50 each.

DICENTRA spectabilis. Bleeding-Heart. An old-fashioned favorite. Its long racemes of graceful, heart-shaped pink flowers are always attractive. 35 cts. each, 90 cts. for 3.

eximia. Finely cut foliage and showy racemes of pretty pink flowers. Low-growing. 50 cts. each, \$1.35 for 3.

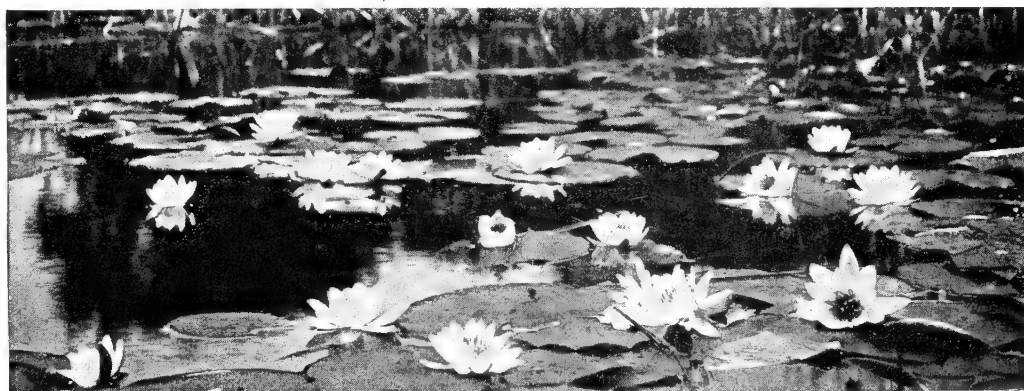
IRIS vulgaris. Flag. Superbly colored varieties of this popular garden plant. 20 cts. each, 50 cts. for 3, \$1.75 per doz.

LILY-OF-THE-VALLEY. A dainty plant for shady places. Fragrant, bell-like, white flowers in May. A good ground-cover. Large clumps. 50 cts. each, 3 for \$1.25.

VINCA minor. Hardy Myrtle. A tufted, evergreen, half-trailing plant. Dark, leathery foliage with purple-blue flowers. Useful in dry, shady places. Large clumps, 20 cts. each, \$2 per doz.

YUCCA filamentosa. Adam's Needle. Broad, sword-like, evergreen foliage and large, drooping, creamy white flowers on stems about 6 feet high. 60 cts. each.

filamentosa Hockerii. Variegated leaves. 75 cts. each.



Pond and Marsh Plants

Hardy Water-Lilies require little care and may be left without disturbing for several years. A few ornamental fish in the pool add to interest and keep mosquitoes under control and a few snails will keep the water clean.

Hardy Water-Lilies

	Each ppd.
Blue Beauty. (Tropical.) Day	
blooming. Glorious rich blue.....	\$2 50
Chromatella. Rich canary-yellow. 2	00
Comanche. Sunset shade..... 2	50
Firecrest. Pink..... 2	00
General Pershing. (Tropical.)	
Light pink..... 2	75
Gladstone. Pure white; large..... 2	00
Gloriosa. Red. Very free bloomer. 3	00
Mrs. George Pring. (Tropical.)	
White..... 2	25
Panama-Pacific. (Tropical.) Day	
blooming. Purple..... 2	25

Marsh or Bog-Plants

Anacharis. Oxygenating plant.	
	15 cts. each
Blue Flag	3 for \$1
Giant Arrowhead	3 for 75 cts.
Graceful Cattail	3 for 75 cts.
Parrot Feather	2 for 25 cts.
Pickerel Rush	35 cts. each, 3 for \$1
Primrose Creeper	25 cts. each
Umbrella Palm	35 cts. each, 3 for \$1
Variegated Sweet Flag	3 for \$1
Water Hyacinth	2 for 25 cts.
Water Poppy	2 for 25 cts.
Yellow Flag	3 for 75 cts.

GLADIOLUS

*Few flowers are lovelier
or easier to grow*



There are few flowers to compare with the Gladiolus for all-round usefulness in the home-garden. Their graceful form, attractive colors, and characteristic markings have given them the popular name of "Garden Orchids." Plant the bulbs any time after mid-April up to the end of June, setting them about 4 inches deep and 6 inches apart. For a constant supply of flowers for cutting from August to frost, make plantings every week or ten days. Our bulbs average 1½ inches and over in diameter, which is considered the very best flowering size. Thrips are, possibly, the greatest enemy of Gladiolus and we recommend that the bulbs be treated with Semesan before planting. When the growth is about 6 inches high, begin spraying with Nicotine Pyrox and continue spraying at 10-day intervals to protect new growth.

6 cts. each, 55 cts. per doz., \$3.50 per 100, except as noted

Red Shades

Aflame. Huge begonia-rose bloom with back of petals brighter than the face. Very popular variety. 9 cts. each, 85 cts. per doz., \$6 per 100.

Beacon. A beautiful light red with a large, clear blotch. Very striking. 12 cts. each, \$1.10 per doz., \$8 per 100.

Commander Koehl. Dark scarlet-red without markings or blotches. Large spike. 12 cts. each, \$1.10 per doz., \$8 per 100.

Crimson Glow. Unique in its dark velvety red color. Not a new variety but still the best of its class.

Dr. F. E. Bennett. Peach-red, overlaid with flame-scarlet; throat speckled ruby and creamy white. Sturdy grower.

Dream O'Beauty. Giant American-Beauty-rose-red, with slightly deeper throat. Grows 5 feet tall. Because of its vivid coloring this variety is an especial favorite. 9 cts. each, 85 cts. per doz., \$6 per 100.

Pfitzer's Triumph. A beautiful, well-liked Gladiolus with immense, wide-open salmon-scarlet flowers. 9 cts. each, 85 cts. per doz., \$6 per 100.

Red Lory. Long, straight spike with flowers of rich orange-crimson.

Red Phipps. A glowing bright red of translucent texture. Straight spike. 9 cts. each, 85 cts. per doz., \$6 per 100.

Scarlet Wonder. Pure deep scarlet. Mammoth flowers, many open at a time on tall, stiff stems.

Wuerttembergia. Very fine large red with white blotch. A newer imported variety. 12 cts. each, \$1.10 per doz., \$8 per 100.

Salmon and Pink Shades

Betty Nuthall. Flower-spikes long and graceful. Warm coral-pink, with pale orange throat.

Debonair. La-France-pink with a creamy throat touched with crimson. Fine straight spike.

Giant Nymph. Large; light salmon-rose. Considered one of the very best commercial and exhibition pinks.

Margaret Fulton. Beautiful rich dark salmon of distinctive form. A wonderful cut-flower as well as decorative type. Early and has ability to withstand heat.

SALMON AND PINK SHADES, continued

Mr. W. H. Phipps. La-France-pink, overlaid with salmon-rose. Enormous flowers. A real Super Glad.

Odin. Orange-pink. Fine for early cut-flowers.

Peach Rose. Lovely rose-colored variety. Blended just enough to be classified as peach-color. Large flower.

Peggy Lou. Soft pink flowers with tall spikes and florets well placed. 12 cts. each, \$1.10 per doz., \$8 per 100.

Picardy. One of the best of the new Glads. The blooms are large, slightly ruffled, and a charming apricot-pink color. 9 cts. each, 85 cts. per doz., \$6 per 100.

Pride of Wanakah. One of the most beautiful rose-colored varieties. It is very dark rose almost light red. One of the best all-round Gladiolus.

Smiling Maestro. Large flowers of salmon-rose. Many florets open at once. 9 cts. each, 85 cts. per doz., \$6 per 100.

Sonatine. Bright clear pure pink with inconspicuous throat-marking. Very tall grower and a fine cut-flower. 9 cts. each, 85 cts. per doz., \$6 per 100.

Orange Shades

Bit O'Heaven. Medium-sized florets of orange with a yellow throat. Tall, straight plant opening 9 to 12 flowers. 12 cts. each, \$1.10 per doz., \$8 per 100.

Paradise. Large apricot flower. Many open at one time. Florets are well placed. Makes a splendid cut-flower variety. Tall strong spike, rich and refined. Early. 12 cts. each, \$1.10 per doz., \$8 per 100.

Token. One of the newer orange varieties. Tall spike. Fine for cutting. 9 cts. each, 85 cts. per doz., \$6 per 100.

Wasaga. Somewhat ruffled blooms of the softest apricot with a buff throat.

Yellow Shades

Gate of Heaven. Beautiful ruffled deep yellow blooms. Medium height. 9 cts. each, 85 cts. per doz., \$6 per 100.

Gold Dust. New deep yellow variety. Makes a long good spike. Very popular with all growers who have tried it. 12 cts. each, \$1.10 per doz., \$8 per 100.

Golden Dream. A very large golden yellow flower. By many growers still considered the best yellow. Straight tall spike of high quality for cut-flower as well as decorative purpose.

Miss Bloomington. A fine variety with 6 to 8 light yellow florets open on tall plants. Very early. 9 cts. each, 85 cts. per doz., \$6 per 100.

Yellow Wonder. Buttercup-yellow, slightly deeper in the throat.

Blue, Lilac, and Purple Shades

Anna Eberius. An immense flower of brilliant velvety plum-purple. A substantial bloom on a very fine spike. Unique in its plum-color appearance. 9 cts. each, 85 cts. per doz., \$6 per 100.

Bagdad. Immense, smoky old-rose bloom somewhat darker toward the edges and lighter toward the throat.

Blue Danube. Pure amethyst-blue with a blue feather. Large flowers. 9 cts. each, 85 cts. per doz., \$6 per 100.

Blue Triumphator. A tall spike of rich blue. Large florets. One of the best in its class. 12 cts. each, \$1.10 per doz., \$8 per 100.

Charles Dickens. Purple-violet. A very good grower and choice variety. 9 cts. each, 85 cts. per doz., \$6 per 100.

King Arthur. Lovely lavender-pink. Ruffled and fluted edges give it a distinct and beautiful appearance. 9 cts. each, 85 cts. per doz., \$6 per 100.

Marmora. Lavender-gray, with petunia-colored blotch. Ten to twelve very large flowers open at once.

Minuet. Beautiful clear, light lavender. 9 cts. each, 85 cts. per doz., \$6 per 100.

Mother Machree. Large, smoky lavender flowers, the result of a blending of lavender and orange, subdued with neutral gray. Very beautiful but hard to describe. 9 cts. each, 85 cts. per doz., \$6 per 100.

Mrs. Van Konynenburg. Matchless aniline-blue. Grows very tall.

Pelegrina. Deep violet-blue with a deeper violet throat. There is a dark blue velvety sheen over all.

Vagabond Prince. The loveliest of the "smokies." Garnet-brown with a glowing scarlet spot on lower petals. Appreciated by everyone. 12 cts. each, \$1.10 per doz., \$8 per 100.

White Shades

Maid of Orleans. Creamy white with light cream shade in throat. Large flower.

Shirley Temple. Enormous creamy white flower with deeper cream blotch on lower petals. A prize-winner. 12 cts. each, \$1.10 per doz., \$8 per 100.

Star of Bethlehem. Very large; pure white with well-placed open blooms. Undoubtedly the best exhibition white. 9 cts. each, 85 cts. per doz., \$6 per 100.

SCOTT'S GARDEN MIXTURE.

This mixture of standard varieties in many beautiful colors will make an excellent showing in the garden or for cut-flowers. Large, healthy bulbs, 5 cts. each, 45 cts. per doz., \$3 per 100.

See Gladiolus Collection Offer on 3d cover.

25 Bulbs of a variety at 100 rates. Prices are postpaid.

Dahlias

It is doubtful if there are any flowers that afford as much general satisfaction as Dahlias. The ease with which they can be grown in any sunny situation, their freedom from pests and blights, their endless variety of color, size, and form, and their great usefulness for cutting as well as garden decoration insure them a permanent place in popular favor, while their low cost makes it easy for everyone to start a collection which can be added to year after year. The roots or tubers should be planted about 4 inches deep in well-dug soil during May or June. Allow at least 2 feet of space between plants. Trim out all but the strongest two or three shoots and when these are about 4 feet

high pinch off the tips to encourage branching. If extra-large exhibition blooms are wanted, remove all but one or two of the top buds on each stem. Tall plants should be tied to stakes for support. Dig roots when frost has killed the foliage in the fall, and store in sand or soil in a cool but frost-proof cellar.

The Cactus Dahlias are distinguished by narrow, quilled petals which are often curved and twisted in various forms. Decorative Dahlias include the old-fashioned formal and rather stiff show or "ball" Dahlias, and the newer broad-petaled types of enormous size.

In the following list, B indicates Ball or Show; C, Cactus; D, Decorative

Price, 25 cts. each, \$2.50 per doz.

Aida. (D.) Maroon.
Avalon. (D.) Large yellow.
Bashful Giant. (D.) Apricot.
Bonnie Blue. (B.) Bluish lilac.
Commodore. (D.) Canary-yellow.
Ellinor Vanderveer. (D.) Rose-pink.
Flora. (D.) White.
Hillcrest Mandarin. (D.) Red and yellow. Flashy and very large.
Jane Cowl. (D.) Bronzy buff and salmon. One of the best and a winner of as many prizes as any dahlia ever grown.
Jean Kerr. (D.) Pure white.
Jersey's Beacon. (D.) Scarlet and buff. Very spectacular and a prolific bloomer.
Jersey's Beauty. (D.) Beautiful pink. Ideal cut-flower variety and a good keeper.
Kemp's White Wonder. (D.) Large; pure white. Stems stiff and erect.

Margaret Woodrow Wilson. (D.) Creamy white suffused pink.
Yellow Duke. (B.) Yellow.
Melody. (C.) Yellow.
Minamoto. (C.) Scarlet.
Mrs. C. D. Anderson. (B.) Crimson.
Mrs. I. de Ver Warner. (D.) A clear bright lilac-rose beautifully formed. Splendid for both exhibition and the garden.
Oyster Bay Beauty. (D.) Oxblood-red.
Penn Charter. (D.) Buff tinted apricot. A fine cut-flower.
Pride of California. (D.) Red.
Pride of Stratford. (D.) Red-orange.
Rose Glory. (D.) Rose-lavender.
Sanhican's Bluebird. (D.) Bluish.
Starlight. (D.) Large; golden yellow.
W. H. T. (D.) An unusual shade of old-rose. Large exhibition flower.

Prices given are postpaid. Half-dozen roots, any assortment of varieties at dozen rates



Cactus Dahlias

Peonies

Peonies are among the most gorgeous plants that can be grown in a garden. Given a deep, rich soil and a sunny situation they will thrive anywhere. A mulch of manure each fall will help to maintain them. Plant the roots so that the eyes will be about

½ inch below the surface of the ground. Strong divisions with 3 to 5 eyes, and plenty of roots, and larger size than usually offered.

Price, 50 cts. each, \$5 per doz., except where noted



President Roosevelt Peonies

Alexandre Dumas. Creamy white collar with light violet-rose crown. Blooms early and freely and is of medium height.

Augustin d'Hour. A brilliant dark red with a silvery reflex. Medium tall plant blooming freely in midseason.

Avalanche. Milk-white with a cream-white collar and center of lilac-white; carmine spots mark the petals.

Felix Crousse. Flame-red. Large, bomb-shaped. Late midseason.

Festiva Maxima. White; very large, globular. Still one of the best. Early.

Germaine Bigot. Very large, compact blooms. Pale lilac-rose with center petals flecked crimson. Midseason.

Karl Rosenfield. Dark crimson, very brilliant and striking in color. Blooms are of semi-rose type. Midseason.

Lord Kitchener. A very early Peony of the bomb type. It is a loosely arranged bloom with prominent guard petals and is bright red throughout.

Marie Crousse. Globe-shaped blooms rather loose in form. Color pale lilac-rose.

Plants tall and free blooming. Midseason.

Liberty. Beautiful dark rose-red, edged and tipped pale buff-yellow. Considered one of the best single red varieties.

Mme. Ducl. Light mauve-rose with a silvery reflex. Globe-shaped blooms, slightly fragrant. An extra-fine variety.

Mons. Jules Elie. A large flower with a high crown. Color pale lilac-rose, with an amber-yellow collar; fragrant. Early.

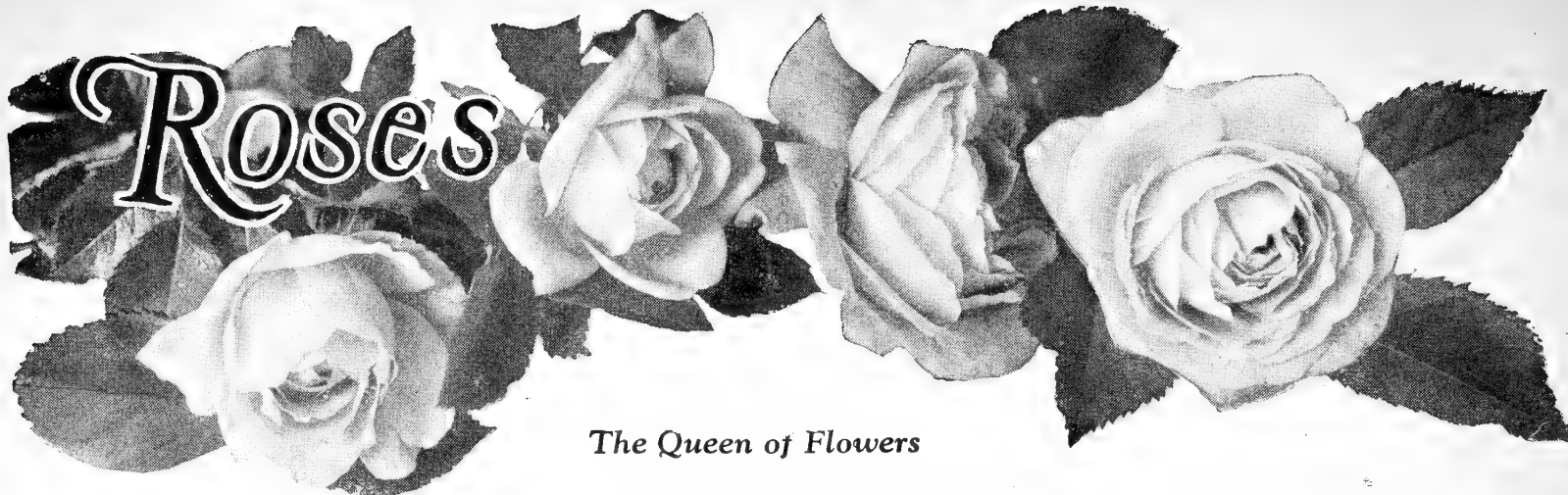
President Roosevelt. Deep, rich, brilliant red. Blooms semi-rose type, opening midseason. 75 cts. each.

President Taft. Bold, handsome, flat, pink flower. Midseason. 75 cts. each.

Princess Beatrice. Guard and crown petals violet-rose; collar creamy white with crimson flecks. An extra-good variety blooming in midseason.

Victory. Attractive single pink.

PEONIES BY COLOR. Strong-growing plants of selected varieties. Named to color, red, white, or pink. 25 cts. each, \$2.50 per doz.



The Queen of Flowers

The Rose has been for thousands of years the queen of flowers, and no garden can be complete without representatives of the different types of these lovely blooms. We list here only the best varieties of the different classes of Roses, in a quality of plant which will give the best service to our customer.

For exhibition and cut-flower purposes, the Hybrid Teas are

unsurpassed. For a sheer mass of color in the garden there is nothing like the Polyanthas. The Hybrid Perpetuals will give you quantities of large, fragrant flowers in June. Climbing Roses can serve many purposes, and every garden should have a few of the old Moss Roses and that splendid shrub Rose, *Rosa Hugonis*.

Hybrid Tea Roses

These popular flowers are crosses between the fragrant and hardy Hybrid Perpetuals and the old tender Tea Roses. They give quantities of bloom of cut-flower quality on plants which are hardy with a little protection during the winter.

They begin blooming in late May or early June, depending on the locality, and if given plenty of water, occasional applications of fertilizer, and are kept sprayed or dusted so that the foliage is free of disease or insects, will bloom practically continuously until stopped by frosts.

All of the Roses we offer are No. 1 grade, 2-year-old, hardy, northern, field-grown plants.

Red Varieties

Ami Quinard. One of the darkest Roses in existence. Velvety crimson-maroon with a soft black luster. Averages 17 petals. Carries the real old Rose fragrance. Strong-growing plants. \$1 each.

Charlotte Armstrong. Plant Patent No. 455. Beautiful blood-red buds opening to very fine flowers that become cerise in hot weather. Vigorous, free-branching plant that blooms very freely; foliage plentiful and disease-resistant. \$1.25 each.



Charlotte Armstrong

Christopher Stone. Large, loose flowers of brilliant scarlet-crimson; rich old-time fragrance. Healthy, bushy plants which bloom all the time. \$1 each.

Crimson Glory. Plant Patent No. 105. Gorgeous crimson flowers shaded red and with a nap so deep the shadows are black. Grand form and unforgettable fragrance. Healthy plants of medium height bloom generously. \$1.25 each.

Dicksons Red. Plant Patent No. 376. Large, cupped flowers of flashing scarlet-red; highly perfumed. An early and abundant producer of bloom. Strong plant with healthy foliage. Stands hot sun without fading. \$1.25 each.

Etoile de Hollande. The best red Rose for garden use. Its flowers are gigantic, beautifully frilled, fragrant, and the color is deep unfading crimson. \$1 each.

Grande Duchesse Charlotte. Propagation rights reserved. Rich claret-colored buds gradually changing to a lovely begonia-rose. Streamlined, in form, with healthy, dark green foliage. Tall and upright. \$1.50 each.

Heart's Desire. Plant Patent No. 501. Slender dark red buds and beautiful 4-inch blooms of rich scarlet-red, a color which is retained. Delicious old-time real Rose fragrance. Strong, free-blooming plants. 25 petals. \$1.50 each.

McGredy's Scarlet. An excellent garden Rose which is a nice shade of red, instead of scarlet, as the name would indicate. Flowers are freely produced on very vigorous, healthy plants. \$1 each.

Poinsettia. This is the nearest to clear scarlet of any double Rose. The flowers are beautifully formed of 35 velvety petals and carry real old Tea fragrance. Plants are tall with healthy foliage. \$1 each.

Red Radiance. A sport of Radiance and equally good, differing only in the beautiful deep red color of the large globular flowers. Very hardy and of the greatest garden value. Fine fragrance. 90 cts. each.

Texas Centennial. Plant Patent No. 162. A sport of President Herbert Hoover, exactly like its parent in plant and shape of flower. The color, however, is vermilion-red with a touch of gold at the base of the petals. Flowers age a deep shade of pink. \$1 each.

Pink Varieties

Dame Edith Helen. One of the most remarkable Roses in the world for its giant size, multiplicity of well-placed petals, and its sparkling, pure pink color. Very handsome. \$1 each.

Good News. Plant Patent No. 426. A full, well-formed flower with 50 crimped petals, peach-pink in color, opening silvery pink. Tea fragrance. Dark green foliage on a hardy plant that reaches about 2½ feet in height. \$1.50 each.

Mary Margaret McBride. Plant Patent No. 537. Large, double blooms of perfect form. Pointed buds with a high center are clear deep coral-pink, with gold tones showing at the base of the petals; the color lightens with age. Long stems and strong, hardy plants. \$1.50 each.

Mme. Cochet-Cochet. Plant Patent No. 129. Strong plants that are very free with their shapely flowers of coppery pink warmed with orange. \$1 each.

Mrs. Henry Morse. A two-toned pink Rose of exquisite form, making it one of the best of all pink Roses for cutting; fragrant. Moderate growth but very free-flowering. \$1 each.

Pink Dawn. A splendid new double Rose with rose-colored buds opening to lovely pink flowers tinted with orange at base of petals; sweetly fragrant. Strong, upright growth. \$1 each.

Pink Pearl. This is a grand clear pink Rose on long, clean stems and is freely produced on attractive plants. It is fully double and is one of the sweetest of all. You will like it to cut. \$1 each.

President Macia. Long pink buds open to great loose, fragrant flowers 5 to 6 inches across of pale flesh with a deep pink reverse. Low spreading plants with good foliage. 25 petals. \$1 each.

Radiance. Large, strongly fragrant, light silvery pink to salmon-pink flowers, borne profusely all summer on long, strong stems. 90 cts. each.

Sterling. Plant Patent No. 21. One of the most beautiful of all pink Roses. Large, fragrant flowers on long stems. Strong branching plants that bloom abundantly. A great Rose. \$1 each.

Yellow Varieties

Golden Dawn. One of the best garden Roses, with large, very double and very fragrant flowers of pale straw-yellow. The plants are low but spreading, with beautiful foliage. \$1 each.

Golden Sastago. A buttercup-yellow sport of Condesa de Sastago with the same fine plant as the parent. The large cupped blooms are fragrant and are freely produced. 35 petals. \$1 each.

Joanna Hill. A favorite cut-flower variety with shapely buds and high-centered open flowers of pale yellow; mildly fragrant. Healthy plants of medium growth. \$1 each.

Luna. Long-pointed bud that opens into a high-centered, well-formed bloom of lovely pale yellow, becoming soft cream-white as it ages. Very fragrant. Dark foliage; plant bushy and vigorous. \$1 each.

McGredy's Sunset. Plant Patent No. 317. Glowing gold and yellow flowers that hold their form very well. The buds are exquisitely shaped, and have a mild fragrance. Blooms freely, and is resistant to both disease and hot weather. \$1.25 each.

McGredy's Yellow. A cupped flower of bright buttercup-yellow, large and really exquisite. Bud is of long-pointed form, borne on a dark red stem. Glossy dark bronzy foliage; growth vigorous. \$1 each.

Mrs. Erskine Pembroke Thom. Best of the clear unshaded yellow Roses. Flowers well shaped, of medium size, and richly yellow. Fine foliage and growth vigorous. Free flowering. \$1 each.

Mrs. Pierre S. du Pont. A deep yellow Rose that shows no signs of fading. Good foliage and a prolific bloomer. \$1 each.

Roslyn. Bud deep orange, becoming golden yellow as it unfolds, with the reverse of the petals more orange than the inside. Large and semi-double in shape, with slight fragrance. Vigorous, compact plant. \$1 each.



McGredy's Yellow

Bicolor Varieties

Alezane. Plant Patent No. 116. Beautiful blooms of deep apricot with brownish tints and carrying a fruity fragrance. The stout plants are the first to bloom in the spring and are extra hardy and long lived. \$1 each.

Angels Mateu. Plant Patent No. 174. A very distinctive shade—orange-rose. Large blooms, full-petaled and with the fragrance of red raspberries. Makes a fine exhibition flower. \$1 each.

Autumn. A richly colored double flower of burnt-orange red, orange, and pink. Plants of medium height. A striking Rose in the fall. \$1 each.

California. Plant Patent No. 449. A warm shade of orange toned saffron-yellow, with the reverse of the petals overlaid saffron-rose. Very large blooms, 5 to 6 inches across. Glossy, disease-resistant foliage; vigorous growth. \$1.50 each.

Condesa de Sastago. This spectacular cupped bloom is burning copper inside and golden yellow on the reverse. It is fragrant and produced on strong, upright plants. 50 petals. \$1 each.

Countess Vandal. Plant Patent No. 38. Stunning new Rose of coppery pink, strongly tinted with ruddy shades in the bud, opening to big, handsomely shaped flowers of striking color. \$1 each.

Duquesa de Penaranda. Great double flowers of a brownish peach-color that is distinct and beautiful. They are sweetly fragrant, too. Upright, generous-blooming plants. \$1 each.

Edith Nellie Perkins. One of the finest of the two-tone pink Roses, with rosy carmine on the reverse of the petals and salmon inside, all overspread with a thin golden sheen. Splendid plants, blooming freely. \$1 each.

Faience. Very large, loose flowers, coppery rose inside, with a reverse of pinkish yellow. The plants are big and bushy and bloom freely. \$1 each.

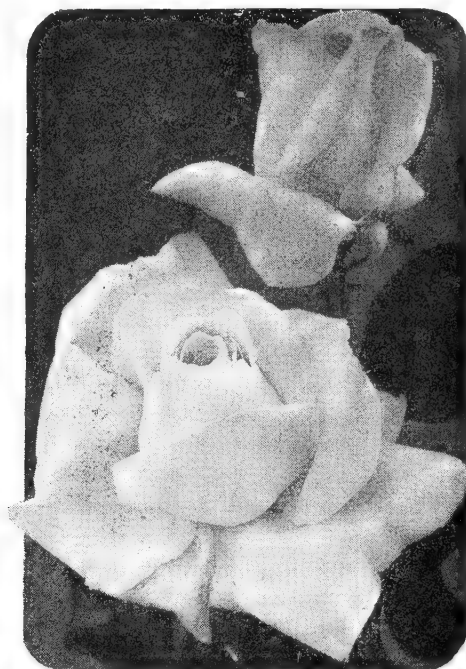
Girona. Tall, healthy plants with long-stemmed blooms of Tyrian-rose and golden yellow. They are not only beautiful but wonderfully fragrant. A great Rose you will like. 30 petals. \$1 each.

Heinrich Wendland. One of the most spectacular of all Roses, with fragrant, unfading flowers of nasturtium-red, with a deep golden yellow reverse. \$1 each.

Mme. Henri Guillot. Plant Patent No. 337. Raspberry to watermelon-pink. Petals are broad, firm, and arranged somewhat in urn shape, and later the bloom resembles a large camellia in form. Very fragrant. Long, strong stems. \$1.25 each.

Mrs. Sam McGredy. A Gold Medal winner from the north of Ireland, with astonishing buds and flowers of glowing orange-salmon and coppery gold. One of the best of the new varieties. \$1 each.

President Herbert Hoover. Enormous flowers of ever-changing color. Deep copper-red in bud, golden in the center, with deep pink outer petals. In autumn it is superb. Plants very strong, with good foliage, blooming early and often. \$1 each.



Saturnia

Saturnia. Plant Patent No. 349. Another gay bicolor, cardinal-red on the face, the reverse salmon-yellow and copper. Richly fragrant. Spreading plant. 20 petals. \$1 each.

Signora. Plant Patent No. 201. A great new Rose of fine form on long stems. Deep orange, heavily veined carmine, edges of petals brick-orange. Fruit fragrance. 45 petals. \$1.25 each.

Talisman. The great florists' Rose with spectacular blooms of yellow, orange, and scarlet, changing with the season. Fragrant flowers on fine stems for cutting. 90 cts. each.

The Chief. Plant Patent No. 456. Magnificent full flowers of carmine-pink overspread with an orange flush and golden base to petals. Fruity fragrance. Strong bushy plants. 30 petals. \$1 each.

White Varieties

Caledonia. A large, very double white Rose that lasts very well. The blooms are borne on long, strong stems, and the plant is clothed with leathery, dark green foliage. \$1 each.

Kaiserin Auguste Viktoria. This old Rose is the finest of all the whites. It has form, fragrance, and is fully double. Plants are of average height and bloom. \$1 each.

Mme. Jules Bouche. Large, well-shaped creamy white buds that have a faint pink flush in the center as they open. Sweet-scented flowers on a healthy plant that is always in bloom. Highly recommended. \$1 each.

Snowbird. Fully double blooms of snowy white with a creamy center. Deliciously fragrant. Plants are of moderate growth with profuse attractive healthy foliage and a continuous crop of bloom all season. The best white bedding Rose. \$1 each.

QUANTITY PRICES. All 90-ct. varieties, \$9 per doz.; \$1 varieties, \$10 per doz. Half-dozen plants, any assortment of varieties, at dozen rates. These prices do not apply to Patented Roses. Prices given are prepaid, when the order amounts to \$2 or more. See page 1.



Dr. J. H. Nicolas

Climbing Roses

The modern Climbing Rose is one of the most adaptable and most satisfactory of all flowering plants. There are many types to choose from and for covering trellises, arches, fences, walls, or sides of buildings, they are unsurpassed.

Blaze. Plant Patent No. 10. The blazing red blooms are produced in clusters for several weeks during the Rose season, and a second crop of flowers may be expected before freezing weather arrives. \$1.25 each.

Climbing American Beauty. Moderately fragrant, rich rosy carmine, 3 to 4-inch blooms on long stems, on a vigorous, hardy plant. 90 cts. each.

Doubloons. Plant Patent No. 152. A handsome yellow Climber developed from the native Prairie Rose, which makes it hardier than any other yellow Climber. \$1.25 each.

Dr. J. H. Nicolas. Plant Patent No. 457. Very double, deep rose-pink flowers often 5 to 6 inches across, borne in clusters on long, strong stems. Rich fragrance. Plant reaches 8 to 10 feet in height; fine on posts and pillars. \$1.50 each.

Dr. W. Van Fleet. Perfectly formed shell-pink flowers on long stems. A strong grower which blooms freely. 90 cts. each.

Flash. Plant Patent No. 396. Large, double flowers, orange-scarlet inside with a yellowish reverse. \$1 each.

Mary Wallace. A splendid hardy Climber with large, semi-double, fragrant flowers of brilliant pink. 90 cts. each.

New Dawn. Plant Patent No. 1. The blooms are produced freely from the opening of the season in June until cold weather. The color is a delicate blush-pink, and long stems make the clusters desirable for interior decorations. Foliage is dark green and glossy. \$1.50 each.

Paul's Scarlet Climber. Clusters of semi-double, vivid scarlet flowers shaded crimson, that retain their color till they fall. Hardy and floriferous. 90 cts. each.

Silver Moon. Immense, semi-double, pure white blooms 4 inches across, intensified by golden yellow stamens, are borne on long, stiff stems. 90 cts. each.

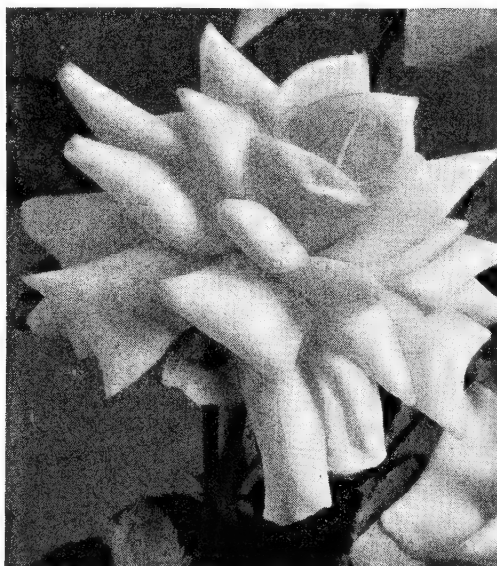
Polyantha Roses

These dwarf Roses produce an abundance of bloom all season. The plants average 18 inches in height and are especially valuable for a hedge or border or for massing.

Price, \$1 each

Baby Chateau. Velvety dark red blooms in clusters on a vigorous, bushy plant.

Betty Prior. Plant Patent No. 340. Single; shell-pink on face, a red reverse. Blooms in clusters on a 3-foot plant.



Topaz

Chatillon. Semi-double, bright pink flowers, slightly fragrant. Plant 1 to 2 feet high.

Donald Prior. Plant Patent No. 377. Deep red, 3-inch blooms of 8 petals borne in clusters on 3-foot plants.

Improved Lafayette. Glowing red suffused crimson. Free-flowering, sturdy plants fine for bedding.

Miss Edith Cavell. Large clusters of small, semi-double, brilliant scarlet-red flowers, shaded darker.

Orange Triumph. Double pompons of brick-red in huge clusters. Bushy plants 2 feet high. A fine Polyantha.

Permanent Wave. Plant Patent No. 107. Blooms are large, semi-double, fragrant, and carried in clusters on long stems. The color is a brilliant carmine.

Summer Snow. Plant Patent No. 416. Snow-white flowers almost covering a dwarf, hardy bush. Blooms abundantly for about five months.

Topaz. Plant Patent No. 300. Perfectly formed little Roses of pale yellow. Low, free-blooming plants.

World's Fair. Plant Patent No. 362. Fragrant, velvety crimson blooms. A prolific producer all season. Plants 3 feet high, very hardy.

Hybrid Perpetual Roses

These are much hardier, stronger growing plants than the Hybrid Teas and bear an immense crop of bloom in June.

Price, 90 cts. each

Frau Karl Druschki. An immense, pure white, perfectly double Rose, which blooms all season.

Henry Nevard. Nicely formed blooms of crimson-scarlet. Sweetly fragrant. Fine plants.

Georg Arends. Immense, soft pink, fragrant blooms of fine form. Called a "Pink Druschki." A beautiful Rose.

Mme. Albert Barbier. Soft fawn-yellow flowers, paling to white, with pinkish shades in center; double; cupped.

Ulrich Brunner. Large, cupped flowers of carmine-red, deliciously fragrant.

Shrub Rose

Rosa Hugonis. Flowers light yellow, about 2 inches across, borne on long, slender branches. Generally in full bloom Decoration Day. \$1 each.

Trailing Rose

R. Wichuraiana. Pliable canes with small shiny foliage and small white fragrant flowers. A fine bank cover. 90 cts. each.

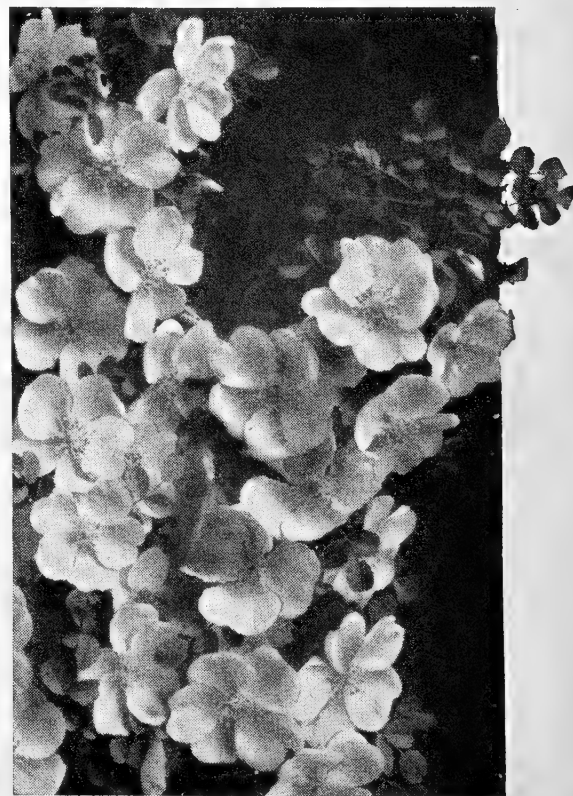
Moss Roses

A group of old-fashioned Roses of moderate growth, readily recognized by the mossy coating which surrounds the calyx of the bloom. Very attractive.

Price, 90 cts. each

Crested Moss. Beautifully mossed pink buds and double pink flowers.

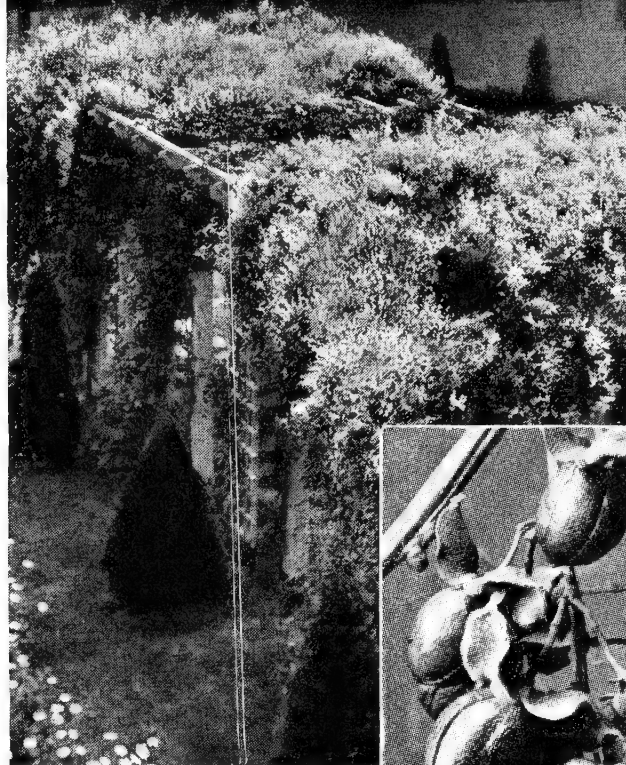
Salet Moss. Large, full flat blooms of rosy pink.



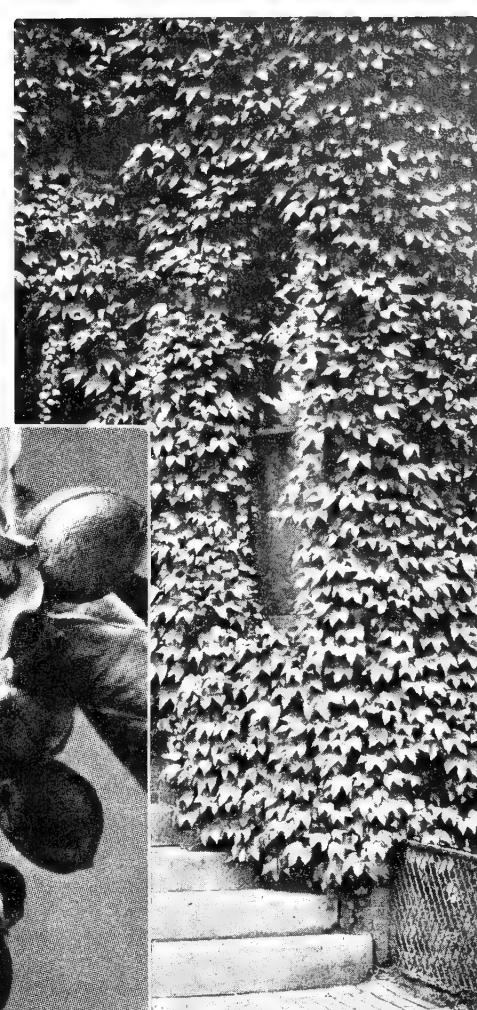
Rosa Hugonis



Clematis



Silver Lace Vine



Boston Ivy



Bittersweet

VINES

Nothing adds more to the grace and charm of a planting around a porch than a few well-chosen vines. Most home-gardens have some unattractive corners that can be greatly improved by vines, for they have a softening effect not easily obtainable otherwise. Vine-draped trees and pergolas have a peculiar beauty, and some vines like Honeysuckle are especially valuable as ground and bank-covers. The following are highly desirable vines. They are all strong, 2-year-old No. 1, field-grown plants, with good root-systems, except Cinnamon Vine and Madeira Vine, which are roots.

BITTERSWEET (*Celastrus scandens*). Large foliage hung in autumn with clusters of orange and yellow berries which are very decorative all winter. 60 cts. each, \$1.65 for 3.

BOSTON IVY (*Ampelopsis Veitchi*). High-climbing, clinging, deciduous vine with lustrous, three-pointed leaves 2 to 4 inches across. 60 cts. each, \$1.65 for 3.

CINNAMON VINE. Vigorous climber with broad heart-shaped leaves and clusters of white, cinnamon-scented flowers. Dies to the ground each winter but comes up again very quickly in the spring. Large roots, 12 cts. each, \$1.25 per doz., \$9 per 100.

CLEMATIS Jackmani. Large, flat, 3 to 4-inch, velvety purple flowers, freely produced. 90 cts. each.

paniculata. Sweet Autumn Clematis. In August or September the plants are densely covered with fragrant white flowers, followed by seeds, each of which has a grayish, fuzzy plume which gives the plant the appearance of being in bloom until winter comes. 60 cts. each, \$1.65 for 3.

Mme. Edouard Andre. Large bright carmine-violet flowers. Unusual and distinct. 90 cts. each.

DUTCHMAN'S PIPE (*Aristolochia Siphon*). Fast-growing; 6 to 15-inch broadly reniform leaves and pipe-like flowers. \$1.25 each.

SCARLET TRUMPET VINE. Vigorous climber. Handsome, trumpet-shaped, reddish orange flowers in midsummer. 60 cts. each, \$1.65 for 3.

HONEYSUCKLE (Lonicera), Halliana. Sweetly scented flowers from July to frost. Desirable for trailing over fences, arbors, and as a ground-cover for banks. 45 cts. each, \$1.25 for 3.

KUDZU VINE. Fast-growing hardy vine. Foliage large. Rosy purple, pea-shaped flowers in August. Fine for permanently covering verandas, dead trees, etc. 60 cts. each, \$1.65 for 3.

MADEIRA VINE. Rapid-growing climber that quickly covers porch, trellis, etc. Foliage light green; flowers white, small and feathery, delightfully fragrant. Plant roots in May. Large roots, 10 cts. each, 25 cts. for 3, 75 cts. per doz.

SILVER LACE VINE (*Polygonum Auberti*). Rapid climber. Light green, waxy foliage. Curious, stringy clusters of crystal-white flowers of irregular shape. 75 cts. each, \$2 for 3.

TRUMPET CREEPER (*Bignonia radicans*). The Bignonias are very useful for covering unsightly places, stumps, rockwork, or for planting in crevices in ledges. Large, attractive, scarlet flowers are borne in profusion. 50 cts. each, \$1.35 for 3.

VIRGINIA CREEPER (*Ampelopsis quinquefolia*). One of the best and quickest-growing vines for covering trees, trellises, arbors, etc. The large deep green foliage turns yellow, crimson and scarlet in fall. 50 cts. each, \$1.35 for 3.

WISTERIA sinensis. Handsome, showy, pea-like pale blue flowers in large grape-like clusters. Well adapted for training on porches, arbors, trellises, or trees. They require a deep rich soil. Strong, 2-yr., grafted plants, 90 cts. each.

HEDGE PLANTS

As a boundary between properties, or as an enclosure for the outdoor living-room, you will find hedges invaluable. Once planted they require little attention. The plants we offer are strong and well shaped, making fine lawn specimens as well.

CALIFORNIA PRIVET (*Ligustrum ovalifolium*). A rapid grower with dark green foliage that persists until early winter. May be pruned to any shape. Unpruned, it assumes an upright, spreading habit, about 10 feet tall. 12 to 18-in. plants, \$2 for 25, \$6 per 100, \$27 for 500.

IBOLIUM PRIVET. A hybrid of California and Ibo Privet and is hardier than either. Fast upright grower. Dark green foliage. May be trimmed to any shape. 12 to 18-in. plants, \$2.25 for 25, \$8 per 100.

BARBERRY (*Berberis Thunbergi*). Compact-growing, much-branched low shrub with many spines. Its red berries persist until spring. 12 to 18-in. transplanted plants, \$2.25 for 10, \$10 for 50, \$18 per 100.

RED-LEAVED BARBERRY (*Berberis Thunbergi atropurpurea*). Foliage is rich crimson, becoming scarlet when the sun falls on it. 18 to 24-in. plants, 60 cts. each, \$5 for 10.

Prices given are prepaid where the order amounts to \$2 or more. See page 1

HARDY FLOWERING SHRUBS

Flowering Shrubs bring the greatest return on investment that one can put into the home-grounds. They thrive with but little care, are attractive even in winter when the branches are without foliage, and when they do burst into bloom transform the grounds into bowers of scented beauty. In addition to their lovely flowers many shrubs develop attractive fruit which lasts well into the winter.

We offer a fine list for planting this spring.

ABELIA grandiflora. The Bush Arbutus is a medium-sized shrub with lovely glossy foliage and tubular flowers of pinkish white. Graceful when grown naturally and can be sheared to any height. Makes a grand hedge. \$2.25 each.

ALTHÆA. Rose of Sharon. A very useful shrub with large, single or double flowers in great profusion in late summer, a time when flowering shrubs are scarce.

Pink, Purple, Red, White, or Variegated. 2 to 3 ft., 60 cts. each, \$1.65 for 3.

ALMOND, Flowering (*Amygdalus*). Double fragrant flowers in May. **Pink or White.** 2 to 3 ft., 90 cts. each, \$2.50 for 3.

ARONIA arbutifolia brilliantissima. The Crimson Chokeberry has bright red berries and crimson leaves in fall. Grows 10 to 12 feet. 1½ to 2 ft., 90 cts. each.

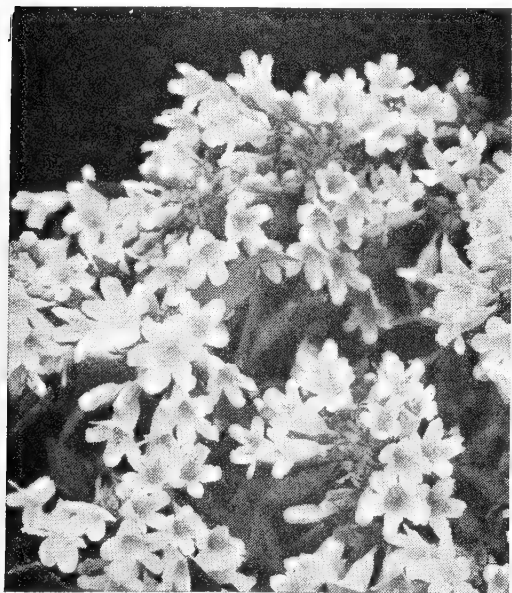
melanocarpa. The Black Chokeberry grows slightly lower and bears glossy black berries. 2 to 3 ft., 90 cts. each.

AZALEAS. These hardy Azaleas bloom with the utmost freedom, becoming solid masses of flowers at their season, and continuing in splendor for several weeks. Plant in slight shade and shelter from severe winter.

Amœna. Brilliant reddish purple flowers completely cover every twig. Very showy. Evergreen. B&B. \$3.75 each.

Hinodegiri. A sparkling red variation of Amœna, with no trace of the purple. Evergreen. B&B. \$3.75 each.

mollis. A dwarf, very bushy, deciduous variety. Flowers light yellow to apricot and deep orange. B&B. \$3 each.



Beauty Bush

BEAUTY BUSH. An exceedingly handsome ornamental shrub. The foliage and habit are attractive when the bush is out of flower and it is perfectly hardy. It grows 6 to 9 feet high when mature, with long, arching branches. Covered in spring with clusters of small, tubular flowers of the honeysuckle type, borne in such profusion that the bush is one cloud of delicate pink. 2 to 3 ft., \$1.25 each.

BUDDLEIA, Ile de France. A new variety with fragrant, rosy purple flowers suffused with violet, borne in spikes 6 to 9 inches long. The symmetrical bushes are 3 to 4 feet high. 60 cts. each, \$1.65 for 3.

CALYCANTHUS floridus. Sweet Shrub. This is the popular old-fashioned "Strawberry Shrub," with brown, slightly scented, starry flowers, followed by pods of smooth brown seeds. 2 to 3 ft., 75 cts. each.

COTONEASTER divaricata. The Spreading Cotoneaster will grow to 6 feet and as wide. Pink flowers are followed by red fruit and foliage turns red in fall. 15 to 18 in., B&B. \$2 each.

DEUTZIA, Pride of Rochester. A very popular blush-white form, growing taller and bushier than *D. gracilis*. 2 to 3 ft., 60 cts. each, \$1.65 for 3.

gracilis. A small shrub covered with pure white flowers in graceful nodding racemes. Good for edging borders. 15 to 18 in., 60 cts. each, \$1.65 for 3.

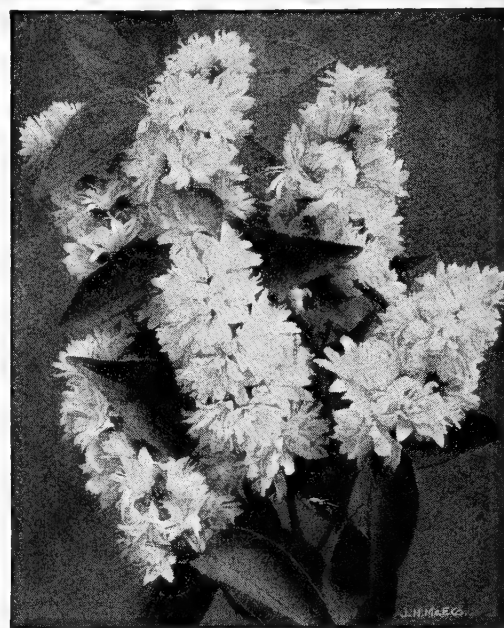
DOGWOOD (*Cornus sanguinea*). Blood-twigged Dogwood. An upright shrub having bright coral-red branches with dark green leaves, pale beneath, and creamy white flowers in numerous flat-topped clusters, followed by bluish fruits. 2 to 3 ft., 60 cts. each, \$1.65 for 3.

florida. The well-known White-flowering Dogwood. Big, spreading shrub or small tree with large white flowers in spring. Foliage scarlet in autumn. Rich red berries. B&B. \$2.75 each.

florida rubra. One of the loveliest flowering trees. Blooms glowing peach-blossom-pink, tinged darker. A specimen in full bloom is a magnificent spectacle. 3 to 4 ft., B&B., \$4 each.

EUONYMUS alatus. Winged Burning Bush. Bushy shrub with corky winged branches. A fine shrub for specimen planting. Leaves turn to rich red and crimson in autumn. 2 to 3 ft., \$1.50 each.

europæus. A strong-growing shrub or small tree with finely toothed foliage and pink fruit. 2 to 3 ft., 90 cts. each.



Deutzia gracilis

ELÆAGNUS argentea. Silverberry. Fragrant flowers and attractive foliage, silvery on both sides, on a 10-foot shrub. 2 to 3 ft., 75 cts. each.

FORSYTHIA. One of the very earliest shrubs to bloom and unsurpassed in splendor and brilliancy by other spring-flowering varieties.

spectabilis. Sturdy, erect bush with an unbelievable abundance of golden yellow flowers a shade or two darker yellow than any other variety. 2 to 3 ft., 75 cts. each, \$2 for 3.

suspensa Fortunei. A tall, willowy shrub literally covered with golden bells in early spring. 65 cts. each, \$1.75 for 3.

HONEYSUCKLE, Red Tatarian (*Lonicera tatarica sibirica*). A bushy shrub, reaching 10 feet, with crimson flowers in June, followed by red fruits. 2 to 3 ft., 75 cts. each, \$2 for 3.

White Tatarian (*L. tatarica alba*). About the same as the above except that the flowers are white. 2 to 3 ft., 75 cts. each, \$2 for 3.

HYDRANGEA, Nicko. Blue Hydrangea. One of the most showy of all plants. When planted in moist soil, flowers may assume a pinkish hue, but blue flowers may be assured by mixing alum with the soil. 1½ to 2 ft., B&B., \$1.75 each.

paniculata grandiflora. Big conical trusses of white flowers that soon assume rose and bronze tones, are borne in late summer and last till frost. Severe pruning in early spring brings big trusses of bloom. 18 to 24 in., 60 cts. each, \$1.65 for 3. 2 to 3 ft., 75 cts. each, \$2 for 3.

INDIAN CURRANT (*Symphoricarpos vulgaris*). Tall, slender shrub, with coral-red fruits. 2 to 3 ft., 60 cts. each, \$1.65 for 3.

JAPAN QUINCE (*Cydonia japonica*). Often called "Fire Bush." Scarlet and vivid pink flowers. Very early. 1½ to 2 ft., 65 cts. each, \$1.75 for 3.

Prices on Shrubs and Trees are prepaid where the order amounts to \$2 or more. See page 1

KERRIA japonica. From June to October this shrub is a golden yellow bouquet, 3 to 4 feet high. Smooth green bark. 1½ to 2 ft., 90 cts. each.

LILAC (*Syringa*).

Persica. Persian Lilac. Lavender-blue flowers in loose panicles. Delightfully different. 2 to 3 ft., 90 cts. each.

Vulgaris. The fragrant old Lilac found blooming in May in old gardens.

Purple. 2 to 3 ft., 75 cts. each.

White. 2 to 3 ft., 90 cts. each.

Lilac, Named French Varieties:

Belle de Nancy. Double flowers of satiny rose in long clusters.

Ludwig Spaeth. Deep reddish purple flowers in long clusters. Very unusual.

Mme. Lemoine. Narrow clusters of double flowers of purest white.

President Grevy. Double, rosy blue flowers in pyramidal clusters.

Above 4 Lilacs, Bush Form, \$1.25 each

MOCK ORANGE, Virginal (*Philadelphus virginialis*). A vigorous, tall grower, with very large, double-crested, pure white, sweetly scented flowers. A decided improvement over the old-fashioned Mock Orange. 2 to 3 ft., 75c. each; 3 to 4 ft., 90c. each.

PUSSY WILLOW. Furry catkins so popular in early spring for table decoration. 3 to 4 ft., 90 cts. each.

RHAMNUS Frangula. Glossy Buckthorn. Large shrub with glossy leaves and red fruit eventually turning black. 2 to 3 ft., 75 cts. each.

RHODOTYPOS kerrioides. White Kerria. Very ornamental, medium-sized shrub with pretty foliage and large, single white flowers in late May. Black berries. 2 to 3 ft., 75 cts. each.

SNOWBALL (*Viburnum opulus sterile*). The old-fashioned Snowball. White flowers in May and June. Very decorative. 1½ to 2 ft., 75 cts. each.

Oriental (*V. tomentosum plicatum*). Large, globular, pure white flowers in May and June. The fall foliage is especially fine. 2 to 3 ft., 90 cts. each.

SNOWBERRY (*Symphoricarpos racemosus*). Small, rose-colored flowers in June and July followed by large clusters of pearly white fruit which endure into the winter. 2 to 3 ft., 65 cts. each, \$1.75 for 3.



Mock Orange, Virginal

SPIRÆA, Anthony Waterer. Bright rosy crimson flowers in dense corymbs produced abundantly from July till frost. Fine for facing plantings of larger shrubs or edging walks. 1 to 1½ ft., 60 cts. each, \$1.65 for 3.

Van Houttei. The arching branches bend to the ground under many corymbs of small white flowers. 2 to 3 ft., 50 cts. each, \$1.35 for 3.

STEPHANANDRA flexuosa. A graceful shrub seldom more than a few feet high. An excellent plant for growing in the shade of other shrubs or trees. 2 to 3 ft., 75 cts. each, \$2 for 3.

TAMARIX africana. A very distinct variety covered with sprays of delicate soft pink flowers during July and August, when few other shrubs are blooming. 2 to 3 ft., 65 cts. each.

VIBURNUM acerifolium. Shrub, attaining 5 feet, with slender, upright branches. Flowers yellowish white; fruit almost black. Grows well under trees. Foliage dark purple in autumn. 2 to 3 ft., \$1.25 each.

americana. Cymes of white flowers in May and June followed by brilliant scarlet fruit. Grows to 10 feet. 90 cts. each.

Carlesi. Fragrant Viburnum. Clusters of fragrant pink flowers appear in May. Plant grows to about 6 feet high. 1½ to 2 ft., B&B, \$2.90 each.

Opulus. High-Bush Cranberry. Maple-like foliage and large heads of white flowers in May or June followed by scarlet berries. 2 to 3 ft., 90 cts. each.

WEIGELA, Abel Carriere. Brilliant deep pink. Blooms in May and June and again in the fall. Dark green foliage. 2 to 3 ft., 75 cts. each.

Eva Rathke. An upright shrub 5 to 6 feet high, covered in late May with an abundance of rich reddish purple, trumpet-shaped flowers. 2 to 3 ft., 75 cts. each, \$2 for 3.

floribunda. A tall, graceful shrub bearing lovely dark crimson flowers. 2 to 3 ft., 75 cts. each, \$2 for 3.

Hendersoni. Very large flowers of pink and white. A vigorous, tall-growing, nicely shaped bush. 2 to 3 ft., 65 cts. each, \$1.75 for 3.

WINTERBERRY (*Ilex verticillata*). Brilliant berries in great profusion. Especially attractive after the foliage drops. 1½ to 2 ft., 75 cts. each.

Ornamental and Shade Trees

CATALPA Bungei. Umbrella-shaped trees on straight trunks. Heart-shaped leaves. Good for formal effects. 5 to 6 ft., \$2 each.

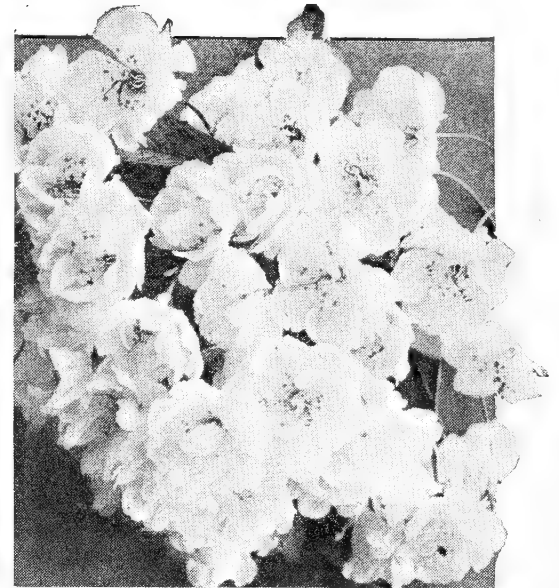
CHERRY, Flowering. Spring-flowering, bearing a profusion of blossoms of exquisite effect. Very popular.

James H. Veitch. Double; pink.

Kwanzan. Double; dark pink.

Mt. Fuji. Double; pure white.

All Flowering Cherries, 3 to 4 ft., \$2.25 each



Flowering Cherry Blossoms

CHERRY, Weeping. Round-headed tree with drooping branches; resembles an open umbrella. 2-yr. heads, 5 to 6-ft. stem, \$4.50 each.

CRAB, Bechtel's Double-flowering (*Malus*). Delicate pink blossoms in the spring and handsome fruits in the fall, which are attractive to the birds. 3 to 4 ft., \$1.75 each.

ELM, Chinese. A quick-growing Elm of pleasing form and apparent freedom from blight. 8 to 10 ft., \$2.50 each.

Vase. A type developed from the American Elm. Largely used for street planting and the home-grounds. 8 to 10 ft., \$2.50 each.

JUDAS TREE (*Cercis canadensis*). The American Redbud is a fine small tree with masses of rosy pink flowers before the foliage. 3 to 4 ft., \$1.25 each.

MAGNOLIA Soulangeana. Immense saucer-shaped flowers, purplish pink on the outside and white inside. 2 to 3 ft., B&B, \$5 each.

MAPLE, Norway. 8 to 10 ft. \$3.50 each.

Silver. Noble 80-foot shade tree with dense branches and beautiful pointed foliage silvery on the under side. 8 to 10 ft., \$1.75 each.

MOUNTAIN-ASH. 8 to 10 ft., \$3 each.

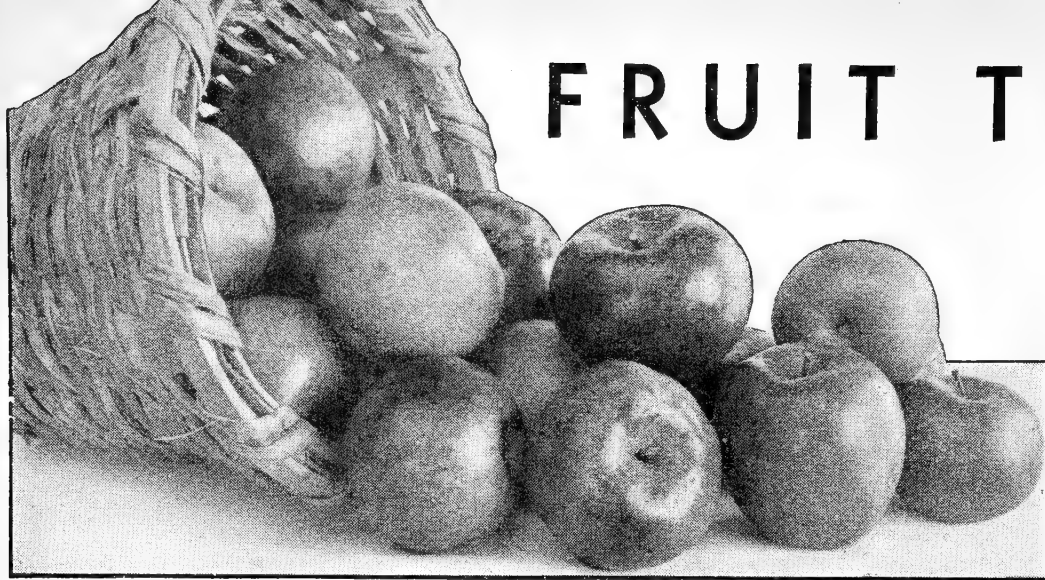
PLUM, Red-Leaf (*Prunus, Newport*). This little tree has deep purple leaves which retain their color until fall. In the spring it is covered with fine deep pink flowers. 4 to 5 ft., \$1.25 each.

POPLAR, Bolleana. A columnar tree with foliage silvery gray underneath. 6 to 8 ft., \$1.50 each.

Lombardy. Slender, erect trees, planted for landscape effect and screens. 8 to 10 ft., \$1.25 each.

SYCAMORE or PLANE, European (*Platanus orientalis*). Useful for street and specimen planting. Bright green foliage. 8 to 10 ft., \$2.50 each.

WILLOW (*Salix babylonica*). The Weeping Willow is our most graceful tree for moist ground, especially fine near a pool or brook. 8 to 10 ft., \$2 each.



Baldwin Apples

FRUIT TREES . . .

Even the smallest garden can find room for one Fruit Tree to furnish shade as well as delicious fruit. We offer a selected list of Fruits which will not disappoint you. All Fruit Trees offered are No. 1 grade, two-year-old budded trees. Prices given are prepaid when the order amounts to \$2 or more. See page 1.

Apples

\$1.50 each, \$14 for 10

- Baldwin.** Best all-round winter Apple in northern counties.
Delicious. The finest dessert Apple imaginable; midwinter.
Duchess of Oldenburg. Tart; midsummer.
Early Harvest. Fruit yellow; flesh white, crisp and juicy. Good for cooking. Early summer.
Grimes Golden. Delicious flavor all its own; early winter.
Hyslop Crab. Fruit dark red, borne in clusters. The most popular variety for jelly.
Jonathan. Beautiful red spicy-flavored fruits; early winter.
Maiden's Blush. Pale yellow with red cheek. Late fall.
McIntosh. Spicy; bright red; late fall sort.
Northern Spy. Desirable winter sort for northern counties.
Red Astrachan. Best summer dessert and cooking Apple.
Rome Beauty. Handsome fruits of good quality; midwinter.
Stayman Winesap. Dark red, juicy, high-quality winter Apple.
Wealthy. High-quality, early fall sort.
Whitney Crab. Large fruit; yellow striped red.
Yellow Transparent. Earliest ripening Apple; good cooker.

Pears

\$1.75 each, \$16.50 for 10

- Bartlett.** Without doubt the best dessert and canning Pear.
Clapp's Favorite. Superb large yellow fruits; early.
Duchesse d'Angouleme. Big, rich-flavored fruits; late.
Kieffer. A fine culinary Pear; keeps well in storage.
Seckel. Small, delicious fruits; extremely popular.
Sheldon. Not large, but one of the best Pears. Sweet, delicious flavor.

Plums

\$1.75 each, \$16.50 for 10

- Bradshaw.** Fine, large, early, juicy Plum; early August.
German Prune. High-quality fruits; stands more frost than others; late August.
Green Gage. Large, greenish fruits, fine for canning.
Italian Prune (Fellenberg). Delicious, juicy flesh; fine for drying.
Lombard. Handsome reddish fruits with pleasant, juicy flesh.
Shropshire Damson. Like Damson but larger, fine for butter.
Yellow Egg. Oval fruit of rich golden yellow.

Sweet Cherries

\$2 each, \$19 for 10

- Black Tartarian.** Fine old fruitful sort; black fruits; late.
Governor Wood. A fine home sort; russet-yellow.
Napoleon. Prolific; yellow with red cheeks; midseason.
Windsor. Large, liver-colored; hangs long time; very late.

Sour Cherries

\$1.75 each, \$16.50 for 10

- Early Richmond.** Popular early fruit; good cooker.
Montmorency. The best sour Cherry; heavy crops; midseason.
English Morello. Dark red; rich fruits; very late.



Elberta Peaches

Peaches

\$1 each, \$9 for 10

- Belle of Georgia.** Midseason. White. Freestone.
Crawford Late. A fine yellow Peach of finest flavor.
Elberta. The standard yellow; large, highly flavored, juicy fruits in early September.
Golden Jubilee. An excellent variety for the home orchard. Early and of excellent quality. Flesh golden yellow, juicy, tender and sweet.
Hale-Haven. About 2 weeks earlier than Elberta. Large yellow fruit; good flavor. Very hardy and a heavy bearer.
J. H. Hale. Big yellow fruits of high quality; late August.
South Haven. Similar to Elberta but two to three weeks earlier. Productive, well-flavored, and possesses all the good shipping qualities of the original Elberta.

APRICOT, Hungaria. Fruit large, good quality, yellow flesh, very fine flavor. \$2 each.

Quince

\$1.75 each

- Orange.** A mighty fine-quality variety and extremely popular.

STRAWBERRY PLANTS

Everybody loves Strawberries and they are never as good as when freshly picked in your own garden. By all means have a Strawberry-patch if you have room.

Strawberries are easy to grow in any good well-drained soil.

Set the plants as early in the spring as the ground can be prepared. If the ground has not been recently manured, mix a little bone-meal in the soil under each plant when planting or top dress around the plants with a fertilizer high in phosphorus and potash just as soon as the plants start to grow. Keep the plants cultivated and free of grass.

Our plants are "New-ground plants" from a famous plant-growing district and being strong and well-developed will go right to work.

DISTANCE FOR PLANTING AND PLANTS REQUIRED PER ACRE

Commercial use. $3\frac{3}{4} \times 1\frac{1}{2}$ ft.....	7,920 plants
Garden use. $2\frac{1}{2} \times 1\frac{1}{2}$ ft.....	11,600 plants
Everbearing Strawberries. $2\frac{1}{2} \times 1\frac{1}{2}$ ft.....	11,600 plants

Extra-Early

Premier. It is the earliest of all Strawberries, has a long fruiting season, and bears unusually large crops of bright, glossy, firm, red berries above the average in size. Excellent shipper.

Fairfax. Large, sweet, richly flavored bright red berries. Vigorous grower and disease-resistant.

Dorsett. A vigorous plant-maker with bright red berries of wonderfully high flavor. Excellent for table and home use.

Second-Early

Senator Dunlap. For many years has been grown as the main-crop berry. A very heavy bearer of good-sized, uniformly shaped berries of a dark red color. Splendid for canning as it holds its shape, rich color and flavor long after canning.

Medium Late

Catskill. By far the best new midseason berry that has been introduced recently. Fruit is extra large and the plant is a heavy bearer and vigorous grower. Can be depended on for good crops and the quality is excellent.

Everbearing

Mastodon. Very productive; unusually large size; brilliant, attractive color; and excellent shipping qualities. Produces fruit ninety days from planting. Pick the first crop from July to killing frosts; the second crop the following June; and the third crop from August to killing frosts in late autumn.

WAYZATA. This new everbearer is the finest, sweetest-flavored of all Strawberries. It should be in every garden. Produces big, beautiful berries from July to frost. Grown for market, Wayzata has made a good profit in large and small plantings. Plant this spring and enjoy these wonderfully fine berries.

PRICES

	Per 25	Per 50	Per 100	Per 1,000
Premier. Extra-early.....	\$0 95	\$1 50	\$2 25	\$10 00
Fairfax. Extra-early.....	95	1 50	2 25	10 00
Dorsett. Extra-early.....	95	1 50	2 25	10 00
Senator Dunlap. Second-early.....	85	1 25	1 80	8 00
Catskill.....	95	1 50	2 25	10 00
Mastodon. Everbearing.....	1 60	2 40	3 60	17 00
Wayzata.....	2 50	3 75	6 50	

All orders shipped direct from nursery to customer. Prices given are postpaid, except at the 1,000 rate which is f.o.b. nursery.

500 or more plants of one variety furnished at the 1,000 rate. We recommend Express shipment on orders for 500 plants or more.

Mastodon
Strawberries



CURRENTS

2-yr. plants, 50 cts. each, \$4.75 for 10

Fay's Prolific. Medium to long clusters of dark red, juicy fruits.

Perfection. Large, bright red fruits; big clusters.

Wilder. Medium-sized, mildly acid red berries in large clusters.

GRAPES

2-yr. plants, 35 cts. each, \$3.25 for 10, unless noted

Brighton. Big red berries of excellent flavor; productive and vigorous.

Catawba. Luscious dark red berries; late ripening and keeps well.

Concord. The standard Grape. Rich, sweet juicy fruits. 30 cts. each, \$2.75 for 10.

Delaware. Red, sweet and delicious.

Moore's Early. Like Concord, but two weeks earlier.

Niagara. An extra-fine, sweet, white Grape.

Warden. Large bunches of big, black berries of high quality. Earlier than Concord.

GOOSEBERRIES

2-yr. plants, 75 cts. each, \$7 for 10

Downing. Whitish green. The most widely planted and highly prized sort.

Red Jacket. Large reddish green fruits.

BOYSENBERRY

Delicious berries $1\frac{1}{2}$ to 2 inches long and 1 inch in diameter of dark reddish purple. Exceptionally good for home-gardens, being unbeaten for jellies, jams, and pies.

1-yr., No. 1, Tip-rooted Plants, 3 for \$1.10, doz. \$3.75, postpaid

RED RASPBERRIES

Chief. The best early red. Heavy yielder.

Latham. Best late sort. Very productive.

BLACK RASPBERRY

Cumberland. Berries large, with delicious flavor.

BLACKBERRY

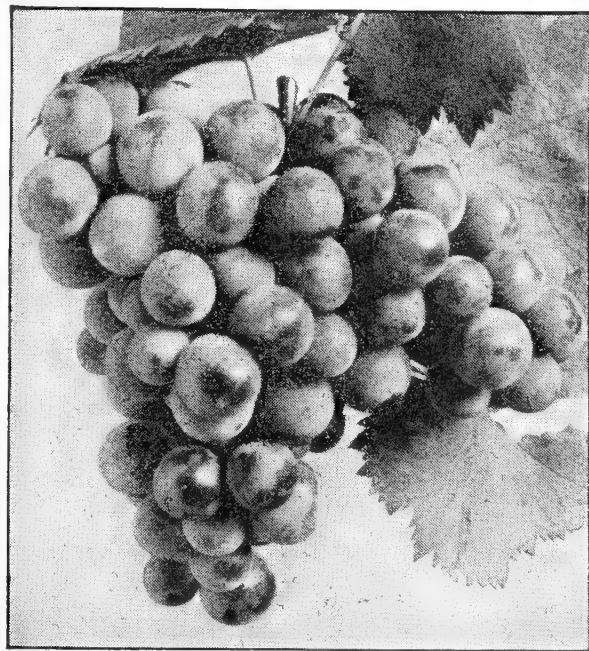
Eldorado. Of best quality and always dependable.

Raspberries	Per 12	Per 25	Per 50	Per 100
Chief.....	\$1 65	\$2 60	\$4 00	\$5 75
Latham.....	1 65	2 60	4 00	5 75
Cumberland.....	1 65	2 60	4 00	5 75

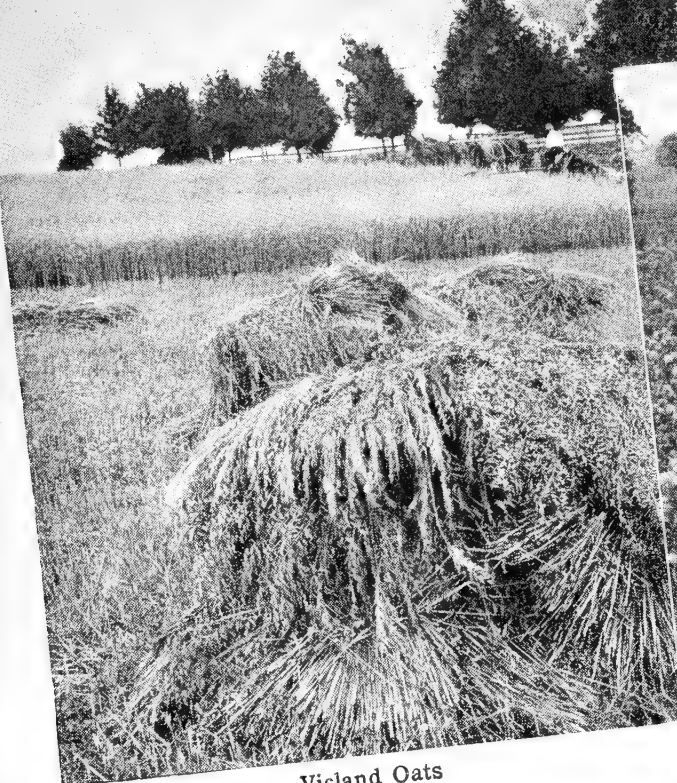
Blackberry	Per 12	Per 25	Per 50	Per 100
Eldorado.....	1 65	2 60	4 00	5 75

One-year No. 1 plants. Prices given are postpaid.

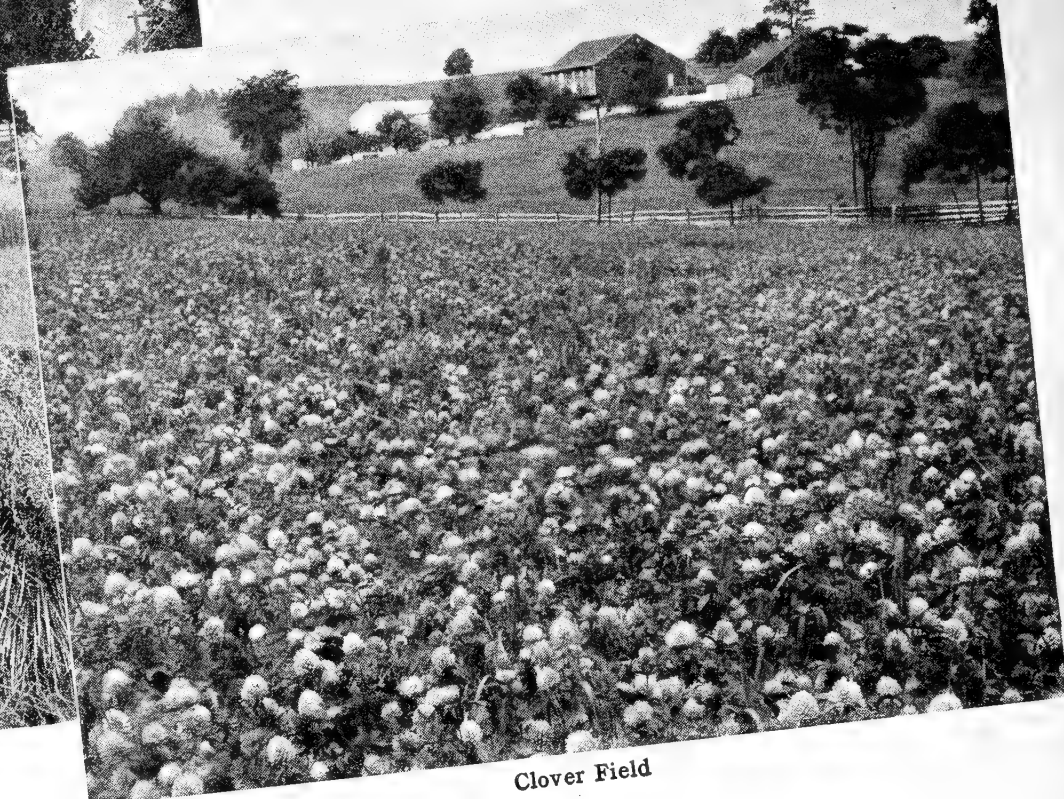
All orders shipped direct from nursery to customer



Concord Grapes



Vicland Oats



Clover Field

FIELD SEEDS

SCOTT'S Field Seeds have made money for successful farmers for over half a century.

Our Grains and Grass Seeds are the very best obtainable and are as free from weed seeds and inert matter as the most modern seed-cleaning equipment can make them. Before being offered for sale every lot of seed is tested by a competent seed-analyst for purity and germination and a tag is attached to every bag showing the results of the test. You don't have to guess about the goodness of Scott's Seeds.

If you find our prices a little high, remember, quality is our first consideration and that slight difference in price may be the difference between a good crop and a poor one.

Prices. Owing to the frequent changes in the market prices of Field Seeds and Grains, it is impossible to name prices in our Catalogue. Latest price-list will be gladly sent on request.

CLOVERS

MEDIUM RED. More widely known than any other variety of Clover. Makes a standard Clover for hay purposes, as it can be cut at least twice in the season. Plants grow about 2 feet in height. Sow the seed in the early spring or late summer at the rate of fifteen to twenty pounds to an acre. If used with other seeds, ten pounds to an acre will be sufficient.

MAMMOTH RED. Sometimes called Sapling or English Clover. It is much ranker than the Medium Clover, and yields a much larger crop per acre. It does well on poor soil, is hardy, and usually will stay in the ground longer than Medium Clover.

ALSIKE. One of the best for sowing with Timothy. The seed may be sown in spring, late summer or early autumn, and as the plants are perfectly hardy, the field seldom requires reseeding. The flowers resemble White Clover, but have a red tinge on the edge of the petals and are considerably larger. Thrives better on thin soils than Red Clover. Sow the seed at the rate of eight to ten pounds to an acre.

LADINO. A giant form of White Dutch Clover with prostrate stems which root at the nodes. It is easily injured by close grazing but when properly managed recovers quickly and yields an abundance of high-quality forage. Generally sown with other pasture grasses at the rate of 2 pounds per acre.

SWEET. This is a legume whose value today as a soil-improver is much appreciated. It is also used for forage. Will do well in most any soil, but it requires lime and the seed should be inoculated. It may be sown either in the spring or fall. Sow about twenty pounds of seed to an acre. We recommend for this climate the White Blossom Biennial (*Melilotus alba*).

CRIMSON. Used principally for turning under as a green fertilizer, or for sowing with corn for a winter cover-crop. If desired for feed, the plants should be cut just before they come into bloom. Seed may be sown any time after the first of April at the rate of twenty pounds to the acre. Plants are strictly annual, therefore the field must be reseeded every year.

WHITE. White Clover is specially valuable for lawn planting and is likewise good for pasture. Seed can be sown any time in early spring or summer. It is perfectly hardy and very

CLOVER, WHITE, continued

thrifty. Use from ten to twelve pounds to the acre if sown alone; about five pounds to the acre if sown on old sod or with other Clover.

WILD WHITE. A dwarf variety of White Clover, very hardy and excellent for permanent pasture. Handle like White Clover.

ALFALFA

One of the most nutritious plants grown; valuable as a dried hay or for pasture. With proper cultivation it can be grown on some part of almost any farm in Pennsylvania or adjoining states. Two or three cuttings can be made in a season, producing from 3 to 5 tons of hay per acre. Ton for ton its feed-value equals that of wheat-bran. From 12 to 15 pounds of seed are usually sown to the acre; some growers sow only 10 pounds to the acre.

GRIMM ALFALFA. This variety is well known and is sown because of its hardiness, productiveness, and greater resistance to all types of "yellowing." The extra cost per acre for seed of this variety is generally justified.

Inoculate all Clover and Alfalfa seed with Legume-Aid. See page 61

TIMOTHY

A description of this old familiar hay-making grass is unnecessary here. It is recognized by almost everyone wherever found, and is probably the most extensively grown of all the grasses. It may be sown alone or with Red or Alsike Clover, or with other grasses. From twelve to fifteen pounds of seed are usually sown to the acre.

PERMANENT PASTURE MIXTURE

A well-balanced pasture-producing mixture made up of the very highest grades of re-cleaned grass and clover seeds, which will produce an abundant and nutritious food-supply for all kinds of stock. The land should be plowed in the fall, left rough over winter, and prepared in the spring, making the seed-beds as fine as possible by repeated harrowing. After seeding, the land should be rolled. An occasional top-dressing of fertilizer high in nitrogen is advisable after the grass is established. Sow 40 pounds to the acre. A bushel weighs about 28 pounds. 5 lbs. \$2.75, 10 lbs. \$4.75, 25 lbs. \$11, 50 lbs. \$21, 100 lbs. \$40.

DESCRIPTIONS OF GRASS SEEDS ARE FOUND ON PAGE 37

FIELD SEEDS

Treat seeds of legume crops with Legume-Aid and seed-grains with New Improved Ceresan. See page 61

SOY BEANS. A valuable plant for bringing nitrogen into the soil. It is also excellent for green or dried fodder. Seed should be sown during the months of May or June, using at least one and one-half bushels to the acre when sown broadcast, or when drilled about one bushel to the acre. We handle two varieties—**Wilson** and **Manchu**. The Wilson is a well-known variety in Pennsylvania for an early hay crop. It has fine stems, produces abundant foliage, and is also suitable for silage. The Manchu is a good all-purpose variety. Valuable for forage or hogging down.

COWPEAS. One of the best soil enrichers; valuable also for hay, forage, ensilage or turning under. They should be sown in this latitude in May or June, using, when sown broadcast, one and one-half to two bushels to the acre.

CANADA FIELD PEAS. Used for hay and pasture as well as soil-improvement. Sow as early as possible in the spring, either alone or with oats. When sown broadcast alone, at least two bushels of seed to the acre should be used, or with oats, one and one-half bushels of Peas and one bushel of oats.

SORGHUM or AMBER CANE. Used principally as a summer fodder for cattle. Plants will grow rapidly and at least two crops can be cut each season. If carefully cured it will make an excellent dry fodder. The seed may be sown in drills about 30 inches apart, at the rate of five to six pounds of seed for an acre. If sown broadcast, about seventy-five pounds of seed are generally used.

WINTER or HAIRY VETCH. One of the best legumes, whether used for a hay crop, pasture, soil-improvement or cover-crop. May be sown in the spring or fall, using from sixty to seventy pounds of seed to the acre when sown alone. It is better, however, to furnish a support for the Vetch by sowing rye, barley or oats with it at the rate of one bushel of grain and forty pounds of Vetch to the acre.

DWARF ESSEX RAPE. Always used as a pasture and not for hay. Its growth is similar to turnip-tops, but heavier and taller. If seed is sown in May the field should be ready for pasture in July. However, seed may be sown either in early spring, summer or fall. If sown in drills, about five pounds of seed will be required for an acre; if sown broadcast, ten pounds to the acre.

MILLET. A medium-early forage plant which should be cut while the plants are in bloom, or at least before the seed forms. Seed may be sown during the month of May or the early part of June at the rate of from thirty to forty pounds to the acre.

SUDAN GRASS. Attains a height of from 5 to 9 feet and has great drought-resisting qualities. It is strictly an annual and dies each year, like millet. When sown broadcast, use sixteen to twenty-four pounds per acre.

LESPEDEZA (Korean Clover). This is a pasture or hay plant that is very popular in the southern states. It is quite extensively used for lawn purposes in sections suited to it.

DOMESTIC RYE GRASS. A quick-growing grass that is valuable for pasture and relished by all livestock. For a winter cover-crop seed can be sown at the last cultivation of corn or after the harvest of an early crop. Broadcast seed at the rate of about twenty pounds per acre.

ORCHARD GRASS (*Dactylis glomerata*). A quick-maturing grass that is used for pasture and hay. It may be cut several times during the year. From thirty to thirty-five pounds will be required for an acre.

BARLEY. We have the Oderbrucker variety. It is a stiff-strawed, six-rowed, bearded Barley, the heaviest yielder that has been introduced, both in grain and straw. Two bushels of seed will be required for an acre.

BUCKWHEAT. A valuable crop on farms where the soil is thin or where other crops have failed. Seed may be sown during June or early July at the rate of one bushel to the acre.

WINTER WHEAT. We can supply the leading sorts of Winter Wheat. Our stock usually consists of **Leap's Prolific**, **Thorne**, and **Forward**. Write us for samples and prices before seed-ing time.

SPRING WHEAT. If your Winter Wheat happens to be killed by extreme cold weather, you can still secure a crop by sowing Spring Wheat in early spring. **Marquis** is the leading variety sown in Pennsylvania.

WINTER RYE. Sow before the middle of November. About one and one-half bushels of seed will be required for an acre.

SPRING RYE. Matures early and makes an excellent green food when cut, or will supply pasturage for several weeks. Distinct from the winter sorts, as the seeds are smaller.

OATS

PATTERSON. Medium early, with rather small, light yellow grains. The straw is fairly long but only medium stiff. A heavy yielder.

SWEDISH SELECT. The quality of the grain is unsurpassed. Very thick kernel and thin shuck. Does not have a long beard like common Oats. The straw grows to a medium height, is very stiff, and consequently seldom lodges. It has proved to be a wonderful yielder.

VICLAND. A new variety that is highly resistant to rusts and smuts; kernels plump and heavy; stiff, strong straw. Early maturing. Not apt to sprout in shock in a wet season. Has outyielded other varieties by a wide margin. Probably one of the most outstanding varieties in the country today.

Price-List and samples of Field Seeds and Grains sent on request



FIELD CORN

We have always made a specialty of Seed Corn, supplying our trade with only those varieties that experience has proved are most suitable for the climate of Pennsylvania, Ohio, and West Virginia. Our Seed Corn is carefully hand-picked and tipped and butted before it is shelled. We aim to have every variety true to name and of high germination.

GOLDEN SURPRISE. An old-time variety maturing in 90 to 95 days. Because of quality, yield, and color, Golden Surprise is one of our most popular Corns. Ears are good size, with 14 to 18 rows of long, light orange kernels. A crackerjack good Corn for the crib, and has a host of friends.

SCOTT'S SURE-CROP. The tremendous quantity of shelled Corn this variety produces to the acre surprises everyone who grows it. Generally there are two good ears to a stalk. The grain is very long—and the cob very thin. Has a rich, deep yellow grain, making it much desired by millers. The fodder grows from 8 to 10 feet high. Ripens in 90 to 100 days.

EARLY ORANGE YELLOW DENT. A 90-day Corn that is almost a giant, stalks ranging from 8 to 11 feet high. The ears are 8 to 10 inches long, with 16 rows on a red cob. One of the earliest maturing and prettiest yellow Dents in cultivation, which has made a reputation for yield and quality.

PRIDE OF THE NORTH. A Yellow Dent variety, maturing in 90 days. Ears 8 to 10 inches long, sixteen rows on the ear, cob small, grain above medium size and closely set. One of the hardiest, and especially adapted to the northern planter; will mature farther north than any other Dent Corn.

IMPROVED LEAMING. Matures in 90 to 100 days. Produces a good-sized ear, with deep, broad grains. A large, vigorous, and quick-growing sprout makes leafy fodder; one of the best varieties for silage. Improved Leaming has yielded as high as 75 bushels of shelled Corn per acre.

WHITE-CAP YELLOW DENT. An early sort which grows well on light soil; grain is yellow with white tip. Nearly as early as Pride of the North, maturing in from 90 to 95 days. Ears about 10 inches long, well filled, with 16 or 18 rows.

HYBRID FIELD CORN

The acreage planted to Hybrid Corn has been gradually increasing each year. Experiments have proved that Hybrids have more vigor, produce larger yields, and are more drought- and storm-resistant than open-pollinated varieties.

We offer the following Hybrids which, in our opinion, are the best adaptable to this section. However, we will endeavor to supply any particular Hybrid a customer may wish to try.

OHIO W17. Well adapted to this section and a heavy yielder. Stalks are of medium height and leafy, ear about 8 inches in length, and kernel is light yellow in color. Medium early. Many farmers are enthusiastic over this Hybrid.

IOWA 939. Probably the best known Hybrid, and a good general-purpose Corn. Has stiff stalk, slightly taller than Ohio W17. Ears 9 inches long and the grain is a rich yellow. Medium early.

OHIO K23. An early variety and suitable for territory susceptible to early frost, or on thinner soil. Stalks are short, deep green, and very leafy. Ears are low on the stalk, 7½ inches in length, and medium thick.

ENSILAGE CORN

LANCASTER COUNTY SURE-CROP. Lancaster County Sure-Crop holds first place in the estimation of many leading farmers. It is a yellow Corn; ears 13 inches in length and not proportionately thick. It grows quite tall, is very leafy and develops ears early. Some farmers claim that for husking purposes it is just as valuable a variety as it is for ensilage.

EUREKA. (Virginia-grown.) A vigorous grower, often growing 16 to 18 feet high; unusually heavy foliage, and produces from one to three ears to the stalk, according to the land. The grain is large, broad and ivory-white; ears average about 11 inches in length.

BLUE MOUNTAIN. This Corn is grown at a high altitude in the Blue Ridge Mountains in Virginia, and makes an ideal ensilage Corn. Grows 14 to 16 feet high, full of leaves, and has a big ear. A vigorous grower.

VIRGINIA HORSE-TOOTH. The popular fodder Corn of the Southern States; from 12 to 14 feet high, and stiff enough to stand up during severe storms. The seed is white, broad, and deep, with white cob.

U. S. 44. HYBRID. One of the best Hybrids for silage for this section. The stalks are medium tall and lodge-resistant; ears are medium long, rather slender and with 18 to 20 rows of shallow grain.

PROTECT YOUR SEED CORN WITH STANLEY'S CROW REPELLENT. See page 62.



Write us for special prices and samples of Field Seeds and Grains. Specify quantities wanted.

SEED POTATOES

NORTHERN-GROWN CERTIFIED SEED

The stock we offer is raised by experienced growers in the cold North and Northwest; grown especially for seed purposes, and is certified stock, U. S. Standard No. 1, high quality, true to type and free from disease. Experience has shown that northern-grown stock moved only a few hundred miles south often produces double the crop of home-grown seed.

We begin shipping Seed Potatoes as early in the spring as weather conditions will permit, usually the latter part of March. However, we urge our customers to place their orders early, while our stock of all varieties is complete.

Potatoes can be planted as soon as the soil is workable in the spring and up to early July. Plant in furrows 6 to 8 inches deep and in rows about 2½ feet apart. One half peck to a peck depending on the size will plant about 100 feet of row. Scatter 10 to 15 pounds of a complete fertilizer to each 100 feet of row, mixing it thoroughly with the soil. Cut the Seed Potatoes into 3 to 6 pieces, each with at least one eye or sprout. Set the seed-pieces 10 to 12 inches apart in the row and cover them with 4 inches of soil. The seed-pieces should be treated with Du Bay Semesan Bel or Formaldehyde to help prevent Scab and Rhizoctonia.

The vines should be sprayed at two-week intervals with Bordeaux Mixture to control Blight. Arsenate of Lead will control Insects and Black-Leaf 40 or any good Nicotine Spray will eliminate Aphis. For a complete spray that will control both Blight and Insects, we recommend Nicotine Pyrox. (See page 63.)

When planting in larger plots, 15 to 20 bushels of Seed Potatoes will be required for an acre, depending on variety and the distance between rows.

EARLY VARIETIES

WARBA. A comparatively new variety. Earlier than Cobbler, a heavy yielder and disease-resistant. Has smooth white skin and pink eye. Very desirable for the home-garden.

SPAULDING'S EARLY ROSE. (Certified.) A seedling of the Early Rose, with pink skin, pure white flesh, much stronger foliage and a better Potato than the Early Rose in every way.

EARLY OHIO. (Certified.) A sort that is well known by market-gardeners who are after a first-early Potato for home trade; the tubers are almost round, with pink skin and of excellent quality.

IRISH COBBLER. (Certified.) An extra-early, round, white Potato. Vines yield heavily and the tubers are of extremely fine quality. An excellent all-round variety, either for the home-garden or growing commercially. About a week to ten days later than Early Ohio, but usually much more productive.

CHIPPEWA. (Certified.) About 10 days later than Irish Cobbler but superior in smoothness and whiteness. In tests it has outyielded Cobblers on both muck and upland soils.

LATE VARIETIES

KATAHDIN. (Certified.) A handsome, shallow-eyed, glossy, white-skinned variety, originated by the U. S. Department of Agriculture, which matures a little later than Green Mountain, but earlier than the Rurals. It has very few tubers of unmarketable size and has all varieties beaten in uniformity of shape, size, and in general appearance. It does well on light, friable soil, but is not adapted to heavy soil subject to drought conditions.

RUSSET. (Certified.) An exceptionally heavy yielder. Table quality of the very best, with smooth, velvety, russet skin and shallow eyes. It is very fine-grained, cooks as white as flour, and is of splendid flavor; an excellent keeper and retains its good eating qualities until late in the spring. It is one of the hardiest varieties known. Its great productiveness, handsome color and resistance to diseases make it a very popular Potato and one especially suited to our locality.

CARMAN No. 3. (Certified.) Extra large, oblong, slightly flat, white. Vines are extra-good growers and yield an immense quantity of tubers of uniform size. One of the best late varieties; of excellent quality; good keeper.

IMPROVED GREEN MOUNTAIN. (Certified.) In the Improved Green Mountain we have a better Potato than was the old Green Mountain at its best. The tubers are uniform in shape, oblong, with two good ends, slightly flattened, creamy white skin, and pure white flesh of excellent quality.

SEBAGO. A high-yielding, smooth, white, shallow-eyed variety and of high table quality. Especially desirable where blight occurs frequently or where spraying is omitted. Very late.

Price-list of Seed Potatoes furnished upon request



AGRICO THE NATION'S LEADING FERTILIZER

Farmers are being called upon to feed not only our fighting forces and civilian population but a large part of the rest of the world as well. There is need for every bit of feed and food that our soils can produce. This need will be met in proportion as each farmer succeeds in getting the most out of the soil of his own acres. Everything depends upon the individual farmer!

Make Your Land Produce Its Utmost

Yet, few farms have ever been made to produce to their full possibilities. Plant-food deficiency is the limiting factor. That is why experiment stations and other authorities recommend increased use of fertilizer as the best way to meet current crop goals. There is hardly a section where the use of more fertilizer could not increase production, materially and profitably.

You have probably had bumper crops on occasion, and we sincerely hope you have many, many more. But, even so, you do not **KNOW** how much your land really can produce, **until you use enough of the right kind of fertilizer to produce the largest possible crop output from each acre you plant.**

The time to do it is now, and you'll find it profitable in more ways than one—for, as the yield per acre goes up, the cost per bushel goes down, and that way lies maximum profit, in war-time or peace.

Let Agrico Help This Season

In planning for maximum yields, it will also pay you to consider the crop-producing power of the fertilizer you use. And that's where **AGRICO** can be a big help. Agrico is specially formulated for each crop and each principal crop-producing section—and it certainly does a great job! Witness the fact that on many crops the **EXTRA** increase in yield produced by Agrico has more than paid the **ENTIRE** cost of the Agrico application.



This **EXTRA** crop-producing power, proved by superior crop results season after season, makes Agrico the Nation's outstanding fertilizer value—and you'll say so yourself when you use it.

Don't Delay—Order Early This Year

Overcrowded transportation and manpower shortage are factors that must be reckoned with, and while we will do our best to meet your requirements regardless of when you order, **the sound course is to get your Agrico as soon as possible and store it away in a good, dry place, so as to be sure to have it on hand when you are ready to plant.** We cannot too strongly emphasize the importance of early delivery, in order to prevent unavoidable, last-minute disappointment.

There's An Agrico Specially Made For Each Crop

Agrico for Truck (5-10-5)

This fertilizer is specially formulated for truck, tomatoes and other canning crops. Noted for the high quality it produces, along with better yields and earlier maturity. Remember, the early market still pays the best prices.

In 100-lb. paper bags.....\$42.70 per ton

Agrico for Potatoes (4-12-8)

The Nation's leading seed-potato growers use Agrico simply because in test after test Agrico produces more No. 1's of uniform size and quality. Formulated to meet the exact needs of potatoes in this section.

In 100-lb. paper bags.....\$44.20 per ton

Agrico for Corn (3-12-6)

Carefully balanced to ensure vigorous root-growth, sturdier stalks and ears filled out to the tip with good, hard corn—produces the extra yields per acre that mean lower cost per bushel and lower cost feed.

In 100-lb. paper bags.....\$40.25 per ton

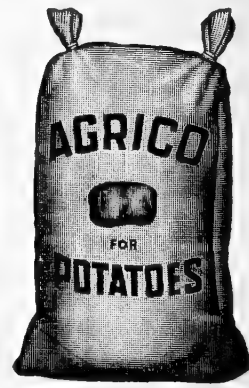
Agrico for Grain (2-12-6)

Agrico for Grain is again available for use on wheat, oats and other small grains. It is noted for exceptional yields of thick-stooling, heavier-yielding grain that weighs heavy and grades high in quality.

In 100-lb. paper bags.....\$37.80

Above prices are F.O.B. our Warehouse or cars Pittsburgh, and are subject to 10 per cent discount for cash with order. Transportation charges are additional on orders for local delivery or rail shipment.

Use of fertilizers described on this page restricted to farmers and commercial growers under Food Production Order No. 5 revised, issued by U. S. Department of Agriculture. Farmers and commercial growers are required to make written application for their requirements on prescribed forms. This is a very simple form and we will be glad to help you make it out. Forms furnished on request.



AGRICO is manufactured only by The American Agricultural Chemical Co., 129 Lewis St., Buffalo, N. Y.

For Better Victory Gardens ♦ ♦ ♦ Vegetables Richer in Minerals and Vitamins



AGRICO For Gardens Fertilizer

(5-10-5)

In Paper Bags

10-lb. bag.....	\$0 80
25-lb. bag.....	1 40
50-lb. bag.....	2 20
100-lb. bag.....	3 50
500 lbs.....	15 75

For Food Production Only

Unprecedented demand for food makes every Victory Garden an important part of the war effort. The Government is calling for six million farm gardens and sixteen million Victory Gardens in suburbs, towns and cities.

In planning your Victory Garden, bear in mind that you cannot ration a growing plant—it takes the right kind of plant-food, and plenty of it, to grow vegetables that are really worth the time and money invested. That is why we recommend Agrico for Gardens, 5-10-5.

This season, make every foot of land you plant produce its utmost—use Agrico and reap the advantage of more and better vegetables, richer in minerals and vitamins.

“AA Quality” Fertilizers

A record of performance extending back over three-quarters of a century fairly entitles “AA Quality” Fertilizers to be called the nation’s standard crop-producers. Good crops depend on good fertilizer. It pays to use “AA Quality.”

“AA” Red Seal (5-10-5)

In 100-lb. paper bags...\$40.50 per ton★

“AA” Pathfinder (4-12-4)

In 100-lb. paper bags...\$38.95 per ton★

Bald Eagle Hydrated Lime

Available Calcium Oxide, 69.50
Available Magnesium Oxide, .85

Prepared especially for vegetable gardens, lawns, greenhouses, whitewash, and kindred uses, besides all the various other purposes for which Lime is essential. It corrects the sour condition which exists in many soils, especially those shaded by houses or trees. For the treatment of lawns and gardens, apply in the late fall or early spring at the rate of 5 pounds per 100 square feet of space. Broadcast the lime over the surface as evenly as possible and thoroughly rake into the prepared top-soil a few days before planting.

10-lb. bag..	\$0 25	500 lbs....	\$6 75
25-lb. bag..	45	1,000 lbs....	11 50
50-lb. bag..	80	2,000 lbs....	20 00
100 lbs.....	1 50		

Alfalfa Brand Agricultural Limestone

Calcium Carbonate, 96.50
Magnesium Carbonate, 1.20

100 per cent passing 20 mesh; 70 per cent passing 100 mesh

Pure ground Limestone, artificially dried and very finely pulverized. Use 15 to 20 pounds per 100 square feet.

80-lb. bag...	\$1 05	960 lbs....	\$7 20
480 lbs.....	4 56	2,000 lbs....	12 00

Delivered carload prices on Lime quoted on request

AGRICO for Lawns, Trees and Shrubs (6-10-4). Also suitable for Flowers



Your lawns, trees and shrubs are an important investment . . . they add much to the appearance of the home. Protect that investment by fertilizing with Agrico for Lawns, Trees and Shrubs. This special-purpose Agrico contains quick-acting chemical nitrogen balanced with all the other needed plant-foods to stimulate season-long growth of thicker, greener lawns, and healthier, more beautiful trees and shrubs.

10-lb. bag.....	\$0 80	100-lb. bag....	\$4 00
25-lb. bag.....	1 50	500 lbs.....	18 00
50-lb. bag.....	2 50	2000 lbs.....	68 00



AGRICO for Commercial Growers (4-12-4)

Agrico for Commercial Growers is used and recommended by leading producers throughout the country—men who supply the nation’s principal markets with highest-quality produce. Use Agrico this year . . . for maximum production in greenhouses and outdoors. In 100-lb. paper bags only.

100 lbs.....	\$4 00	500 lbs.....	\$18 00
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Save the Nitrogen in Manure with

18% NORMAL SUPERPHOSPHATE

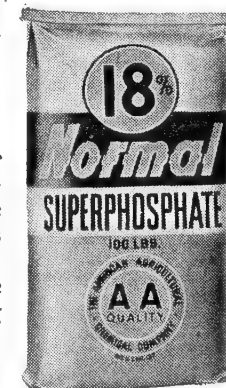
Adding superphosphate to manure has always been highly profitable, because the superphosphate not only reduces nitrogen loss but also increases the phosphorus content and greatly improves the crop-producing power of the manure.

The most economical and effective way of applying 18% Normal Superphosphate to prevent nitrogen loss is by sprinkling 1 to 1½ pounds per cow, horse or steer per day in the gutters of the barn or stable. Hen, hog and sheep manures also are high in nitrogen and should not be overlooked.

Why 18% Normal Superphosphate Pays Best

18% Normal is Superphosphate produced in the “normal” way—without addition of fillers or reduction in calcium and sulphur content. It contains as much as 30% more calcium and 70% more sulphur than higher concentrated grades of superphosphate. It is the calcium sulphate that is effective in preventing nitrogen loss. Start today to save nitrogen and make full use of the valuable plant-foods in manures. It’s an inexpensive and efficient farming practice that will pay you well.

In 100-lb. paper bags.....\$24.50 per ton★



★These prices are F.O.B. our Warehouse or cars, Pittsburgh, and are subject to 10 per cent discount for cash with order. Transportation charges are additional on orders for local delivery or rail shipment. Restrictions to use and application form referred to on page 54 apply also to these fertilizers.

Price of all other fertilizers on this page include local delivery in quantities of 50 pounds or more. Quantities less than 50 pounds sent by Parcel Post at rates given on page 1 under “Parcel Post Shipments.”

Ideal for Lawns, Gardens, Trees and Shrubs



FOR LAWNS
APPLY SPRING
AND FALL



FOR FLOWERS
OR VEGETABLES
RAKE INTO SOIL



FOR SHRUBS
RAKE IN CIRCLE



FOR TREES
POUR IN HOLES

**SAFE—NON-BURNING
EASY TO APPLY**

MILORGANITE

All-Organic Natural Fertilizer

Lawns, flowers, trees, shrubs and vegetables can still get a square meal—even during wartime. This dependable, safe and easy-to-use fertilizer will carpet your lawn with dense weed-free turf. Grass will stay green longer. You can grow more delicious vegetables, finer flowers, and better trees and shrubs by using Milorganite.

A Natural Organic Food.

Besides containing all the basic fertilizer elements, Milorganite is rich in the trace elements, too.

Effects Longer Lasting.

Milorganite promotes continuous healthy growth over long periods. Its water-insoluble, organic nitrogen is released slowly as needed. That's why Milorganite-fed lawns stay green longer. Soluble mineral fertilizer acts quicker, but effects are short-lived.

Easy and Safe to Use.

Clean and free flowing because every particle is a distinct granule—therefore easy to apply. No burning, so immediate watering is unnecessary to avoid scorching of foliage—hence safe to use.

Keeps Indefinitely.

Never cakes or hardens during storage—does not rot the bag. So any unused portion can be stored indefinitely for future use.

25-lb. bag.....	\$1 10
50-lb. bag.....	1 85
100-lb. bag.....	3 10

500 lbs.....	\$13 40
1000 lbs.....	24 75
2000 lbs.....	46 50

It's Important to Feed All Victory Gardens

Vegetable plants are living things! They need many different elements from the soil for proper growth and maturity. When you feed them with **Vigoro Victory Garden Fertilizer** you can be sure they are supplied with all of the plant-food nutrients they need. Vigoro Victory Garden Fertilizer is a full, square meal for vegetables. It is economical and easy to use. For food production only.

5-lb. carton.....	\$0 50	50-lb. bag.....	\$2 35
10-lb. carton.....	80	100-lb. bag.....	3 70
25-lb. bag.....	1 45	500 lbs.....	17 75



ORDER EARLY!

Have Morale-Building Lawns and Flowers

Beautiful lawns and flowers contribute substantially to strong, courageous home-front morale. Be sure your outdoor living-room affords a velvety turf and colorful, fragrant flowers! Feed them with Vigoro! Again available for lawn, flower, shrub and tree feeding.

5-lb. carton.....	\$0 45
10-lb. carton.....	85
25-lb. bag.....	1 50
50-lb. bag.....	2 50
100-lb. bag.....	4 00



ORDER EARLY!

HYPONEX COMPLETE AND BALANCED PLANT FOOD

A complete, balanced, scientific plant-food for either indoor or outdoor use. It can be used on vegetable crops, flowers, lawns, trees or plants in pots. Hyponex is also invaluable for rooting cuttings and in transplanting. It speeds up growth and produces strong, lusty plants. Contains chemical nitrogen. One pound makes 100 gallons of liquid plant-food. 3-oz. can 25 cts., 1-lb. can \$1, 10-lb. drum \$8, 25-lb. drum \$15, 50-lb. drum \$25, 100-lb. drum \$40.

Transplantone

For stimulating roots when planting seedlings, shrubs or trees. Especially effective on tomatoes, cabbage and lettuce for earlier harvest and larger crop. Increases potato yield also. ½-oz. pkt. 25 cts., 3-oz. can \$1, 1-lb. can \$4.

Nitrate of Soda

Sixteen per cent nitrogen. 1 lb. 15 cts., 5 lbs. 45 cts., 10 lbs. 75 cts., 25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$3.40.

Larger quantities quoted on request

Aluminum Sulphate

Experiments have shown that soil acidity is required for rhododendrons, azaleas and all other evergreens. Apply at the rate of about one-half pound per square yard.

1 lb.....	\$0 15	25 lbs.....	\$1 50
5 lbs.....	50	50 lbs.....	2 40
10 lbs.....	75	100 lbs.....	4 25

Agricultural Gypsum

Agricultural Gypsum (land plaster) is an untreated, ground, natural rock fertilizer, consisting mainly of hydrated calcium sulphate. It therefore bears two essential plant-foods, calcium and sulphur. It is also used as a carrier of insecticides, such as paris green, calcium arsenate, etc.

Put up in 100-lb. paper bags

100 lbs.....	\$1 50	1,000 lbs....	\$10 50
500 lbs.....	6 00	2,000 lbs....	18 00

Ask for booklet, "How and Why of Gypsum"

Sudbury Club Model Soil-Test Kit

This new model makes 50 individual tests for nitrogen, phosphorus, potash and acidity, showing how to lime and fertilize for best results. Easy to use. Cased in handsome, sturdy, imitation leather. Complete with instructions and helpful chart, \$4.75.

Sudbury Home Gardener's Soil-Test Kit. Makes 10 tests for each element. \$2.

Sudbury Horticultural Soil-Test Kit. Makes 60 tests for each element. Has test-tube rack, extra tubes, glass funnels, etc. In metal case. \$9.75.

Sudbury Professional Soil-Test Kit. Makes 200 tests for each element. In mahogany case. \$22.50.

Testing Fluid for Refill. (Specify whether for nitrogen, phosphorus, potash, or acidity.) 2 ozs. 75 cts., 6 ozs. \$1.50.

All prices on this page include local delivery in quantities of 50 pounds or more

WIZARD BRAND

DEHYDRATED
AND WEEDLESS

Sheep or Cow MANURE



PRICES	
2 lbs.....	\$0 20
5 lbs.....	30
10 lbs.....	50
25 lbs.....	1 10
50 lbs.....	1 90
100 lbs.....	3 25
500 lbs.....	14 00
1000 lbs.....	26 00
2000 lbs.....	49 00

Prices include local delivery in quantities of 50 pounds or more. Call orders and rail shipments in quantities of 500 pounds or more quoted on request.

No restrictions on the use of Wizard Manures.

Makes All Plants Grow

Manure is the first recommendation of expert gardeners for making rich fertile soils. Instead of temporary stimulants use Wizard for lawns, flowers, fruits and vegetables. Watch how quickly it makes all plants grow.

Wizard Manures are complete plant foods and lasting soil builders. These pure manures are highly concentrated and absolutely weedless. They supply all the essential plant food elements and Vitamin B1 in a natural form. Wizard stimulates bacterial action and supplies an abundance of humus that improves the physical condition of soils. The practical grower has long known the great value of manure for producing bumper crops of crisp, delicious fruits and vegetables. The home gardener will find Wizard the ideal plant food for lawns, flowers, shrubs and trees.

Lawns.

Six to ten pounds to 100 sq. ft. in Spring and Fall will produce a thick green turf.

Flowers.

A handful mixed with soil under each new plant or 10 lbs. to 100 sq. ft. of bed area will insure luxuriant green foliage and an abundance of bloom.

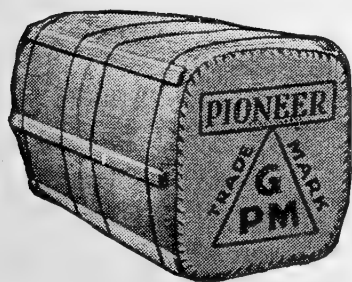
Vegetables.

Wizard promotes quick, tender growth of high quality vegetables. Apply in hill or row or broadcast at rate of 6 lbs. to 100 sq. ft.

Shrubs and Trees.

The lasting qualities of Wizard make it the ideal food for trees and shrubs. It releases plant food continuously over a long period.

Nature's Plant Foods and Soil Builders.



Pioneer GPM Garden Peat Moss

This true sphagnum Peat Moss is all-organic and makes a most economical source of humus for loosening heavy clay soils, gives body to sandy soils, stores up valuable moisture, promotes the development of vigorous root-growth. It aerates the soil and prevents baking and crusting.

As a Protective Mulch against extreme heat of summer and freezing blasts of winter, spread it around base of plants to a depth of 3 to 4 inches.

1/2-bus. bag 35 cts., 1-bus. bag 60 cts., 1/4-bale sack, \$1.60, 1/2-bale \$2.75. Large bale \$4.50, 5-bale lots, \$4.35 per bale.

MASTERS FERTILIZER DISTRIBUTORS

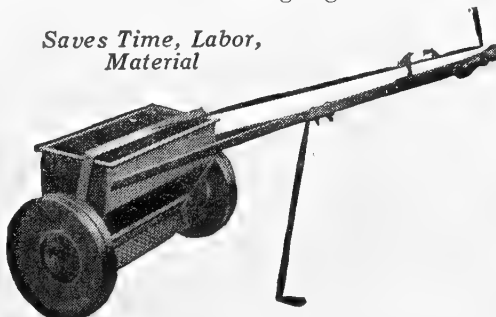
Simple, sturdy, and efficient machines for the even distribution of dry commercial fertilizer, grass seed, top-dressing and similar material. Revolving agitator insures free-flowing material. Shut-off control on handle.

These are heavy-duty models suitable for large estates, cemeteries, golf courses, landscape gardeners, etc.

Model	Spreading width	Hopper capacity	Price
M180	18-in.	50 lbs.	\$11 50
M240	24-in.	75 lbs.	14 50
M361	36-in.	100 lbs.	22 75

Model M361 has double-disc wheels; other two models have single-disc wheels.

Saves Time, Labor,
Material



Mackwin Vitamin B1 Liquid

A growth-stimulant for indoor and outdoor plants. 1/2-oz. bottle (makes 120 gallons of solution) 35 cts., 2-oz. bottle (makes 800 gallons of solution) \$1.

PlanTabbs

A complete balanced plant-food in tablet form, plus Vitamin B1. Can be used both in the garden and on house-plants. 36 tablets 25 cts., 90 tablets 50 cts., 240 tablets \$1, 2-lb. pkg. \$2.75.

Humus

An organic material used principally as a soil-conditioner and for mixing with potting soil. Recommended for lawns, flower-beds and gardens.

Large bag (about 100 lbs.).....	\$2 00
5 bags.....	9 00
10 bags.....	17 00

Improved Driconure

An all-organic fertilizer embodying the best qualities and benefits of Dehydrated Cow Manure, Poultry Manure, and a high-grade Peat Moss. Recommended for general fertilization in garden work at the rate of one bag to 250 to 500 square feet.

50-lb. bag....	\$2 35	250 lbs.....	\$11 00
100 lbs.....	4 50	500 lbs.....	21 50

Turn Garden Rubbish Into "Rich Fertilizer"

Use Adco

Field and garden wastes—grass cuttings, leaves, etc.—contain everything needed by growing things, but they cannot be used in their "raw" state. Mixed with a small proportion of Adco, they are speedily converted into rich plant-food. It's easy to do—and inexpensive.

7 1/2-lb. bag (enough to treat about 100 lbs. dry material)	\$1 00
25-lb. bag (enough for 12 wheelbarrow loads of garden waste, making about 1/2 ton of manure)	2 25
150-lb. bag (enough for a heap 10 x 10 x 6 ft., making about 3 tons of manure)	10 50

Insecticides and Fungicides

The Insecticides and machines for applying them, described in this Catalogue, are not novelties in the experimental stage, but have been thoroughly tested and found reliable for the uses for which they are intended.

Customers using large quantities of Insecticides are requested to write to us for special prices, specifying the quantities wanted. Prices quoted are subject to change.

TO CONTROL CHEWING AND SUCKING INSECTS

Bowker's Powdered Arsenate of Lead

Can be used either as a spray or as a dust for external chewing insects. It will not burn or injure your crop. It is the fineness of Bowker's Arsenate of Lead that causes it not only to spread and to stick better, but to kill better. Mixes easily, stays well in suspension, with no trouble from clogged nozzles.

Also used extensively for soil-treatment of golf greens and lawns to control white grubs and beetles that infest the sod and eat the roots of grass. Use 4 to 8 pounds for each 1,000 square feet of surface, mixed with top-soil, loam, or fine sand. Use 4 pounds of Arsenate to about 1 bushel of soil.

1-lb. pkg. 30 cts., 4-lb. pkg. 80 cts., 48 lbs. (12 4-lb. pkgs.) \$7.92.

"AA" Quality Calcium Arsenate

Excellent for potatoes and truck crops; it is cheaper than lead arsenate. Use it to kill such pests as potato bugs, bean beetles, and other leaf-chewing insects. May be applied either wet or dry.

1-lb. pkg. 25 cts., 4-lb. pkg. 50 cts., 48 lbs. (12 4-lb. pkgs.) \$5.04.

Paris Green

1/4-lb. carton.....\$0 20
1-lb. carton..... 60
5-lb. carton..... 2 50

Dow's Magnesium Arsenate

Dow's Magnesium Arsenate is an effective insecticide for the control of the Mexican bean beetle and other chewing insects. It proves fully effective without damage to tender bean foliage. As a spray, use 6 teaspoonfuls to 1 gallon of water. For dusting, use 1 part Magnesium Arsenate to 3 parts hydrated lime. 12-oz. can 40 cts., 2-lb. bag 65 cts., 100-lb. drum \$22.50.

Bowker's Pyrox

Kills Bugs—Prevents Blights

A combined insecticide and fungicide containing arsenic and copper in the most effective forms for the control of almost all chewing insects and plant diseases. It makes a fine mist and covers the foliage completely, sticking to the leaves even through the hardest rains.

Pyrox is especially recommended for potatoes. Thorough and frequent spraying will keep the vines healthy. Even when insects and diseases are not troublesome, Pyrox will stimulate the growth of the vines and increase yields. One pound makes 4 to 6 gallons of spray.

25 lbs. \$5.75, 50 lbs. \$8.35, 100 lbs. \$14, 300-lb. barrel \$34.50.

Hammond's Slug-Shot

Hammond's Slug-Shot is used from ocean to ocean. A light, composite, fine powder, it is easily distributed either by dusters, bellows, or in water and sprayed. It is thoroughly reliable in killing the Mexican bean beetle, and other leaf-chewing insects.

Lb. 30 cts., 5 lbs. \$1.20, 25-lb. bag \$4.75.

Grasselli's Dutox Barium Fluosilicate

A Control for Mexican Bean Beetle and Other Pests

An effective control for beetles and leaf-eating insects on vegetables, fruit, etc. It does not injure plants nor impair fertility of the soil. Used as a dust, it is applied either alone or diluted with inert ingredients, or it may be applied as a spray.

1-lb. bag\$0 35 | 6-lb. bag\$1 35
Case, six 6-lb. bags..... 6 48

Powdered Hellebore

1/2-lb. box ...\$0 35 | 1-lb. box\$0 60

Tartar Emetic

Used in a spray mixture to control gladiolus thrip. Use 1/4 pound Tartar Emetic and 1/2 pound brown sugar to 3 gallons of water.

1/4-lb. 50 cts., lb. \$1.50, 5 lbs. \$4.90, 25 lbs. \$19.

Black-Leaf 40

Nicotine Sulphate

Recommended by experiment stations and by spraying experts throughout the United States and the Dominion of Canada.

The standard contact insecticide for spraying vegetables, fruits, flowers, and plants to destroy aphids, most thrips, leaf-hoppers, and similar "sucking" insects. Also effective for dipping purposes. One ounce makes 6 gallons of spray.

1-oz. bottle..\$0 35 | 2-lb. can...\$3 57
5-oz. bottle.. 1 05 | 5-lb. can... 6 70
1-lb. bottle... 2 42 | 10-lb. can...11 65

★ Rotecide Extra

This Extra Rotenone spray kills aphids, beetles, thrip and many other chewing and sucking insects. Can be used with safety on garden crops or in the greenhouse.

1-gal. can \$8, 5-gal. drum \$35.

Alorco Cryolite

Very effective in controlling the Mexican bean beetle, cabbage worm and many other chewing insects. Can be used as a spray or dust. Safe and easy to apply. A proved insecticide for both commercial growers and home gardeners. 1-lb. can 35 cts., 6-lb. bag \$1.25, case (6 6-lb. bags) \$6.75.

★ Rotenone Dust

Kills the Mexican Bean Beetle

A general-purpose Dust that controls the Mexican bean beetle and most species of aphids, thrips, leaf-worms, beetles, larvæ, and other sucking and leaf-eating insects on vegetables, small fruit, etc. Does not contain arsenic. Requires 15 to 25 pounds to the acre.

1/2% Rotenone Content. Lb. 30 cts., 4 lbs. 80 cts., 50 lbs. \$7.50, 100 lbs. (2 50-lb. bags) \$14.

3/4% Rotenone Content. (Sold only in 50-lb. bags.) 50 lbs. \$8, 100 lbs. (2 50-lb. bags) \$15.

Volck Nursery and Garden Spray

A contact insecticide for the control of scale insects, red spider, white flies and mealy bugs on trees, plants, shrubs and evergreens. Can be combined with nicotine, rotenone, pyrethrum, or arsenate of lead to control aphids, thrips, and certain leaf-eating insects.

4-oz. bottle..\$0 35 | 5-gal. drum.\$9 50
1-qt. bottle.. 75 | 28-gal. drum.33 00
1-gal. bottle.. 2 25 | 54-gal. drum.50 50

5-gal. drum returnable at \$1. 28-gal. and 54-gal. drums returnable at \$3 each.

★ Evergreen Spray

A powerful contact spray that kills many kinds of chewing and sucking insects that ordinarily need two different insecticides. Non-poisonous and will not harm pets or people. One ounce makes 6 gallons of spray for aphids.

1-oz. bottle..\$0 35 | 16-oz. can...\$2 15
6-oz. can.... 1 00 | 1-gal. can....12 20

Pomo-Green With and Without Nicotine

A Leaf-green ALL-IN-ONE Dust or Spray

Pomo-Green prevents and controls black-spot, mildew, chewing insects and sucking insects on plants, shrubs, and roses quickly and effectively.

Protect new growth by dusting or spraying with Pomo-Green once each week throughout the growing season.

Pomo-Green with Nicotine. The all-in-one material. 1-lb. can 80 cts., 5 lbs. \$3.30.

Pomo-Green without Nicotine. Used to control diseases and leaf-eating insects only. 1-lb. can 55 cts., 5-lb. carton \$1.85.

★ Restrictions on use of Rotenone and Pyrethrum

Use of products containing Rotenone or Pyrethrum are restricted by War Food Administration.

Commercial: Use restricted to certain food crops for specific controls.

Non-Commercial: No restrictions to use on vegetables grown in home, community and Victory Gardens for the control of any pest.

To Control Fungus, Mildew, Black-Spot, and Rust



Bowker's Powdered Bordeaux Mixture

A powerful fungicide for the control of blights, rusts, and rots on any crops where Bordeaux is recommended by the experiment stations or other agricultural authorities. Fine, light, and fluffy, Bowker's Bordeaux mixes easily and completely. Hence it covers evenly and sticks well to the foliage.

1-lb. pkg. 30 cts., 4-lb. bag 80 cts., 48 lbs. (12 4-lb. pkgs.) \$7.92.

Cupro-K

Recommended as a spray for control of leaf-spot (shot-hole) on sour cherry trees. Is more effective than lime-sulphur and easier to use. Also used as a spray or dust for control of foliage diseases of certain vegetables, such as wilt and leaf-spots on cucumbers, and blight and leaf-spot on tomatoes. 3-lb. bag 75 cts., case (16 3-lb. bags) \$8.40.

"Bell-Mine" Rotary Kiln Lime

Used in spraying mixtures. Endorsed by leading agricultural authorities for Bordeaux Mixtures and for all other home-mixed insecticides and fungicides. Furnished in either pulverized, pebble, or lump form. 80-lb. paper bag \$1.25. Larger quantities quoted on request.

Superfine Dusting Sulphur

Controls mildew, black-spot, leaf-spot, and other fungous diseases on roses, chrysanthemums, phlox, delphiniums, snapdragons, and many other plants. 2-lb. sifter carton 30 cts., 10 lbs. 85 cts., 25 lbs. \$1.65, 50 lbs. \$2.75, 100 lbs. \$5.

Dow "Mike" Wettable Sulphur

Goes into suspension instantly and used as a spray. 10-lb. bag \$1.35, case (6 10-lb. bags) \$7.25.

Copper Sulphate (Blue Vitriol)

For making Bordeaux Mixture solution. Lb. 18c., 5 lbs. 65c., 10 lbs. \$1.10, 50 lbs. \$4.25, 100 lbs. \$8.

Monohydrated Copper Sulphate

For use in all home-mixed dusts requiring Copper Sulphate. It contains about 35 per cent Metallic Copper. 12½-lb. bag \$2, 100 lbs. (8 12½-lb. bags) \$14.

Tri-Ogen

The Combination Spray

Tri-Ogen gives protection against many plant insects and fungous pests. It is especially recommended for control of insects, mildew and black-spot on roses. The fact that it does three separate jobs in one spraying is perhaps the reason for its great and ever-increasing popularity.

Protects for season

A. Small Kit. 12 to 20 roses ... \$1 50
B. Medium Kit. 50 to 80 roses ... 4 00
C. Large Kit. 100 to 160 roses ... 6 00
D. Estate Kit. 400 to 600 roses ... 20 00

Tri-Ogen Dust

A combination insecticide and fungicide for those who prefer dusting to spraying. Same result accomplished as with Tri-Ogen in liquid form. 1-lb. pkg. 65 cts., 5-lb. pkg. \$3.

Dormant Sprays for Control of Scale

Scalecide

Scalecide has proved to be the most effective and safest oil spray for insects and fungous diseases that pass the winter on trees, evergreens, shrubs, and vines. For further description see page 64.

1-qt. can. ... \$0 75 | 5-gal. can. ... \$6 35
1-gal. can. ... 1 75 | 15-gal. drum. 14 95

Sunoco Self Emulsifying Spray Oil

Scale insects include some of the most dangerous enemies of horticulture. They are small, but propagate so rapidly that neglected trees quickly become incrustated with them. Do not allow these scales to gain a foothold. Sunoco applied as a dormant spray will control most all kinds of scale. Rusty evergreens, caused by red spider, may be prevented by using Sunoco Spray in May or June.

1-gal. can. \$1 30 | 55-gal. drum. \$26 75
15-gal. drum. 8 40

Drums returnable at \$3.

Du Pont's Liquid Lime-Sulphur Concentrated

Prepared from the highest grade of lime and the purest sulphur, combined in especially designed apparatus and in quantities so large as to allow plenty of time for storage and settling. Thus, the solution which reaches you is cherry-red in color, clear and sparkling. It will not crystallize, thicken up in the barrel, or clog the finest nozzles. If used according to directions, will kill every scale that it touches. For dormant spraying use 1 gallon to 8 or 9 gallons of water.

5-gal. can \$3.40, 50-gal. bbl. \$13.

F.O.B. our warehouse, 50-gal. bbl. \$11.50, 3 50-gal. bbls. \$33. Containers not returnable.

Agricultural Sulphur

Especially prepared for making Lime-Sulphur solution. 99½ per cent pure, 90 per cent through 80 mesh. 100 lbs. \$3.85, 500 lbs. \$18.30, 1,000 lbs. \$34.60, 2,000 lbs. \$63.20.

Dow's Dry Lime-Sulphur

Dow's Dry Lime-Sulphur is made by a special patented process which keeps the product in good physical condition, thus insuring its going into suspension quickly. It is used either as a dormant spray to kill scale or as a summer spray to control fungous diseases such as scab, rot, etc. For dormant spraying use 24 to 30 pounds in 100 gallons of water. For summer spraying use 5 to 8 pounds in 100 gallons of water.

1-lb. pkg. 35 cts., 5-lb. pkg. \$1.50, 12½-lb. bag \$1.75

100 lbs. (8 12½-lb. bags) \$11, 200 lbs. (16 12½-lb. bags) \$21.

Stewart's Lime-Sulphur Hydrometer

Gives specific gravity and Baumé readings. Complete with test-jar. \$1.25, postage 25 cts. extra.

ASK FOR THE HANDY SPRAY GUIDE

Greenhouse Insecticides and Fungicides

Nico-Fume Pressure Fumigator

Nico-Fume Powder packed in hermetically sealed cans. An effective greenhouse fumigant to destroy aphids, thrips, midge, etc. ½-lb. tin 45 cts. each, \$2.45 for 6, \$4.35 per doz.

1-lb. tin, 75 cts. each, \$3.90 for 6, \$7.35 per doz.

Nico-Fume Liquid

A highly refined solution of free nicotine, guaranteed to contain fully 40 per cent of nicotine. Extensively used for spraying or vaporizing in greenhouses to destroy aphids, thrips, etc.

1-lb. tin \$2.40, 4-lb. tin \$6.35, 8-lb. tin \$11.10.

DELIVERY: Refer to bottom of page 62

Selocide for Red Spiders

A powerful insecticide for the control of red spiders. Circular on request.

1 gal. \$3, 5 gals. \$13.50, 30 gals. \$58.50.

Loro

A thiocyanate contact insecticide for the control of mealy bugs, red spider, chrysanthemum midge, thrips, cyclamen mite and aphids. Dilutes 1 to 800. 1-pt. bottle \$2, 1-gal. bottle \$10.50.

Du Pont Spreader-Sticker

Increases the effectiveness of contact sprays by making possible more thorough wetting of foliage and insects. 1-pt. bottle 75 cts., 1-gal. bottle \$4.95.

New Lethane 440

Particularly recommended for the control of chrysanthemum midge, white fly, thrips, scale insects, red spider, aphids, and mealy bugs. Also recommended as an outdoor contact spray.

1 qt. \$2 00 | 5 gals. \$25 00
1 gal. 5 50

CYANOCAS G. Fumigant. Fine for greenhouse and mushroom-house fumigation. In the greenhouse, ¼ ounce per 1,000 cubic feet will control aphides, white fly, soft scale, thrips, and other greenhouse pests. (Booklet on request.)

5-lb. tin. ... \$3 00 | 100-lb. drum \$25 00
25-lb. pail. ... 10 00 | Not mailable.

To Control Ants, Moles, Rats, Mice, Groundhogs, Etc.

Terro Ant Killer

Will drive ants in 24 hours from pantries, refrigerators, plants, flowers or any other place infested with them. A clean preparation in syrup form that cannot be blown into food or about the house and can be used without soiling or discoloring floors or receptacles. Terro is guaranteed to do the work or money back. Small size 25 cts., large size 50 cts. Postage 10 cts. extra.

Antrol Ant Killers

Antrol is easy to use, economical, and safe around children and pets. It consists of small glass containers from which the worker ants carry Antrol Syrup to their nests for food. The whole ant family is quickly killed at the source—the only way to get permanent freedom from these pests.

The containers may be refilled and used year after year. Adapted to any size home or garden. Guaranteed.

Antrol Regular Set consists of 4 patented glass containers with rustproof aluminum lids, and one 4-oz. bottle of Antrol Syrup. Especially recommended for homes, estates, gardens, etc. May be used inside or out. 60 cts. per set. Postage 10 cts. extra.

Antrol Ready-Filled Set consists of 4 special glass "feeders" containing regular Antrol Syrup. Ideal for use in apartments, homes, camps, yards, etc. 40 cts. per set. Postage 10 cts. extra.

Antrol Syrup. 4-oz. bottle 20 cts., gal. \$2.75.



Cyanogas Ant-Killer

Ants die instantly when you drop a little Cyanogas Ant-Killer into the entrance to the nest. It is simple and sure. The gas does the work—penetrates all through the nest. 4-oz. tin 30 cts. (Not mailable.)

Magikil Jelly (Ant Bait)

A jelly bait that needs no feeders or traps. Simply place small doses in infested areas. Does not melt at ordinary temperatures. Endorsed by many state experiment stations. Garden tube 35 cts., estate tube 85 cts.



Remo Roach Destroyer

Will destroy roaches and other insects in a few minutes. 4-oz. pkg. 30 cts., 8-oz. pkg. 65 cts., 1-lb. pkg. \$1.20.

Carbon Disulphide

Recommended for killing ants, moles, woodchucks, and ground squirrels. For ants in hills, punch holes at intervals of 10 inches and pour a tablespoonful in each hole, then cover with burlap or similar covering. 1-lb. tin 50 cts., 5-lb. tin \$1.75, 10-lb. tin \$2.50. (Not mailable.)

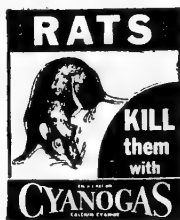
Exterminate Moles with Mole-Nots

Kills moles quickly. Safe and easy to use. Simply shake a few of the pills in runways at intervals of 2 to 3 feet. Mole-Nots safeguard bulbs when placed in ground at time of planting. Pkg. (8 "Nots") 35 cts., pkg. (50 "Nots") \$1.

Mologen

A safe and effective method of eliminating Moles in lawns and flower-beds. Comes in powder form. 1/2-lb. can 50 cts.

Cyanogas A Dust



Acknowledged throughout the world to be the most effective pest destroyer. It is Calcium Cyanide which liberates hydrocyanic acid gas when exposed to the natural moisture in the air and kills the pests wherever they are. They breathe the gas and die instantly. Exterminates moles, groundhogs, rats, mice, ants, fleas, wasps, and various other pests.

1-lb. tin. . . . \$0 75 | 100-lb. drum. \$25 00
5-lb. tin. . . . 3 00 | Not mailable.
25-lb. pail. . 10 00

Cyanogas Foot Pump Duster. \$7.

K-R-O KILLS RATS WITHOUT POISON

K-R-O is made of red squill, an ingredient recommended by the U. S. Government as sure death to rats and mice, but which will not kill anything else. 2-oz. size, 75 cts.

K-R-O Ready Mixed. 6-oz. size, 35 cts.; 22-oz. size, \$1, postpaid

Pastoxine

Exterminator of rats and mice. Non-poisonous as well as repulsive to man, domestic animals, and poultry. Appetizing to rodents. Causes asphyxia (they run out for air and water to die). Highly concentrated—about 6 grains will kill a rat, a few grains a mouse. 1-oz. jar (about 400 grains) 60 cts., 1-lb. jar \$5, postpaid.

Mouse Seed

Safer and more convenient than traps or any paste or powder preparations. Ready to use. 25 cts., postpaid.

Weed Killers



A new liquid chemical that kills both the plant and seeds of crab-grass and checks reinfestation. *Does not destroy lawn grasses* and is non-injurious to soil. Proved by 5 years of tests. This new easy method does away with laborious raking and weeding. Simply mix ZOTOX with water and spray it on. A 16-oz. bottle treats 2,000 sq. ft. For "spot" treatment of small patches it goes much farther.

Zotox is also recommended in eradicating dandelion, plantain, chickweed and other perennial weeds. Full directions on bottle.

8-oz. bottle \$1, 16 ozs. \$1.50, 32 ozs. \$2.50, 5 lbs. \$4.50.

Du Pont Weed Killer Ammonium Sulfamate

Effective for the control of poison ivy, ragweed, Canada thistle, dandelion, plantain and many other weeds. Use 1/2 to 1 pound to a gallon of water, depending on the density of growth and kind of weed. Apply with sprayer or sprinkling-can at rate of 1 gallon of solution to 100 square feet of infested area. 25-lb. drum \$6.50, 50-lb. drum \$12, 100-lb. drum \$22, 350-lb. drum \$63.

Hammond's Weed Killer

Will kill weeds, poison ivy, and all vegetation without distinction, so it must be used cautiously where grass is desired. Dilute 1 gallon to 30 to 40 gallons of water. Apply with a sprinkling-can. Qt. 50 cts., gal. \$1.50, 5-gal. drum \$7.25. 5-gal. drum returnable at \$1.

Dandelions Can Be Destroyed

Wonderfully quick, easy method to rid your lawn of dandelions—merely touch the dandelion with No-Stoop Applicator and the entire plant dies, dries up, and blows away.

No digging—no pulling—no stooping. Dan-D-Lion Killer Kemical in the special No-Stoop Applicator does all the work.

Combination Outfit (No-Stoop Applicator and 1 qt. Kemical), enough to kill 1,500 weeds \$2 25

KILLER KEMICAL.

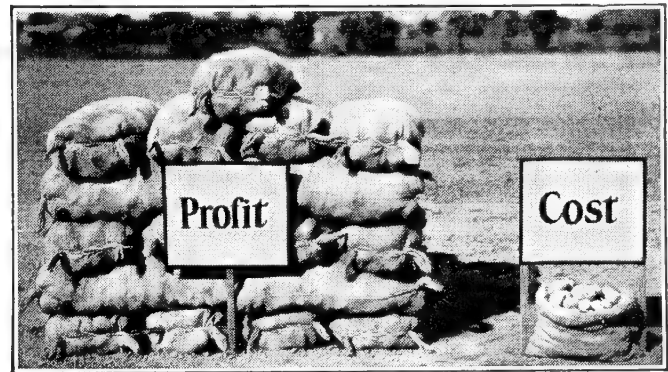
1-qt. can. \$1 25
1/2-gal. can. 1 65
1-gal. can. 2 75
5-gal. can. 10 85
30-gal. drum. 52 80
55-gal. drum. 90 75
No-Stoop Applicator \$1.50.



Seed and Soil Disinfectants and Seed Inoculation



Semesan Jr. seed corn treatment pays! 3 bushels per acre increase, paid for by 1½ pounds of corn



Only 0.4 bushels of the 35.4 bushels increase were needed to pay for the Semesan Bel which gave this better potato crop.

New Improved Ceresan

A dry disinfectant for seed wheat, barley, rye, oats and flax. Generally controls covered smuts, certain other seed-borne diseases; frequently improves yields. ½ ounce treats 1 bushel of seed grain. 4 ozs. 30 cts., lb. 80 cts., 4 lbs. \$2.70, 25 lbs. \$15, 100 lbs. \$55.

Semesan Jr.

A double-acting seed-disinfectant for certain surface seed-borne diseases of corn. Generally reduces seed-rotting and seedling blights and permits early planting. Experiment station tests show up to 4 bushels an acre increased yield. Inexpensive. 1½ ounces treat 1 bushel of seed. 1½ ozs. 15 cts., 12 ozs. 56 cts., 6¼ lbs. \$3.75.

DU PONT SEMESAN SEED DISINFECTANTS

Du Pont Semesan Fungicides

Regular applications of Thiosan, Special Semesan, or Nu-Green usually prevent or control the development of brown-patch and dollar-spot.

Thiosan. A non-mercurial turf fungicide well tolerated by grasses. Has a wide margin of safety and goes into suspension easily. Usual rate of application one pound to 6,000 square feet of turf. 8 ozs. 80 cts., 5 lbs. \$6.45, 25 lbs. \$30, 100 lbs. \$115.

Special Semesan. 8 ozs. \$1.

Nu-Green. 3 ozs. 40 cts., lb. \$1.60.

Semesan Bel

Easy, quick dip treatment for seed potatoes. Usually controls such seed-borne diseases as scab and Rhizoctonia. Generally reduces seed-piece rotting and frequently gives increased yields of better quality. Dip, drain, dry, and seed potatoes are ready for planting. 1 pound treats 60 to 80 bushels of seed. 2 ozs. 30 cts., lb. \$1.65, 5 lbs. \$7.15, 25 lbs. \$33.25, 100 lbs. \$125.

Semesan

Aids in reducing rots of flower and vegetable seeds and bulbs and in checking damping-off of seedlings. 1 ounce treats 15 to 60 pounds of seed. (For seed disinfection only. Mercury Conservation order M-78.) ½ oz. 10 cts., 2 ozs. 40 cts., lb. \$2.50, 5 lbs. \$11.40, 25 lbs. \$52.50.

Hammond's Formacide Stabilized Formaldehyde Dust

Used as a control of certain fungous diseases known as damping-off of seedlings and cuttings. For treating soil to be used in pots and flats mix 8 ounces of Formacide thoroughly with each bushel of soil. Also an effective control for smuts of oats and barley. Complete directions on package. ½ lb. 50 cts., lb. 85 cts., 5 lbs. \$2.50, 50 lbs. \$17.50.

Yellow Cuprocide

The New Yellow Copper Oxide Spray.

An effective, safe and convenient fungicide for potatoes, tomatoes, celery, vine crops, and other vegetables. It can be used in place of Bordeaux or other copper sprays to control many plant diseases. It is also compatible with Rotenone and most other commonly used spray materials except lime-sulphur. Suspends easily in the spray tank. Use 1½ pounds per 100 gallons of spray.

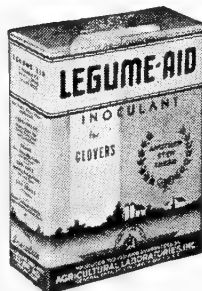
Yellow Cuprocide is the recommended seed treatment for the prevention of soil-borne disease and damping-off before emergence. Simply add the right amount to the seed and shake together until coated. Also recommended for control of post-emergence damping-off.

3-lb. bag \$1.50, case (16 3-lb. bags) \$20.16.

Always Inoculate with



For Alfalfa, Soy Beans, Clovers and all other Legumes



All legumes are heavy nitrogen users and if not inoculated, they rob the soil like any other plant. Inoculating legumes with Legume-Aid Bacteria enables legume plants to draw free nitrogen from the air and make it available as food.

For Alfalfa and All Clovers. 1-bus. size 50 cts., 2½-bus. size \$1.

For Soy Beans, all varieties. 2-bus. size 30 cts., 5-bus. size 55 cts., 25-bus. size (5 5-bus. sizes) \$2.50.

For Vetch, Field and Garden Peas. 100-lb. size 50 cts.

For Lespedeza, Cowpeas, Lima Beans, and Peanuts. 100-lb. size 50 cts.

For Garden Beans, Lima Beans, Garden Peas and Sweet Peas. Home Garden size (for 5 lbs. of seed) 10 cts., 1-bus. size 50 cts.

When ordering don't fail to state the kind of seed to be inoculated

Insure your crops with Du Pont P. A. C. Formaldehyde

Invaluable as a disinfectant, fungicide, germicide and deodorant on the farm and in the home.

For Grain-Smut Control. An efficient control for smuts of wheat, barley, oats, and rye. Can be applied by the sprinkle, dip, or spray method. A one-pound can will treat 50 to 55 bushels of seed grain.

For Seed-Potato Treatment. Controls scab, Rhizoctonia, and some forms of black-leg and dry rot which cut down the stand, cripple the potatoes, and reduce the yields. Potatoes are usually treated just before planting but this work may be done at any time in the winter or spring.

For Soils and Vegetables. Prevents damping-off of seedlings in seed-beds and greenhouse benches; controls onion smut, root-knot, and other diseases.

Mushroom Disease Control. Fumigation with Formaldehyde has been found to be the most satisfactory means of control of the "bubbles" disease.

Lb. bottle 35 cts., 10 1-lb. bottles \$3, case (50 1-lb. bottles) \$13.40, 60-lb. keg \$9.80.

Ask for booklet and full directions.

To Control Cutworms, Earthworms, Grubs, Sowbugs, Borers, Etc.

Paradow Paradichlorobenzene

Paradow is recommended for the control of peach-tree borers. When placed around the base of a peach tree, it will generate a gas that will kill the borers in that tree. Should be used in spring or fall when trees are not growing vigorously. Use about 1 ounce per tree. Directions on container.

1-lb. pkg. 50 cts., 5-lb. pkg. \$1.75, 25 lbs. \$6, 50 lbs. \$10.

Para-Scalecide Controls Peach Tree Borer

Eliminates much of the danger and saves labor in the control of borers in peach and other trees. Comes in liquid form. Dilute one gallon in 7 gallons of water and it is ready to apply directly to the tree. Ask for special leaflet.

1-qt. can. . . . \$0 85 | 5-gal. can. . . \$7 03
1-gal. can. . . . 2 20 | 15-gal. drum. 16 82

Go-West Insect Bait

Cutworms, sowbugs, grasshoppers, slugs, snails, earwigs, etc., are quickly exterminated.

Made under a patented formula from chopped sweet apples, combined with a poison. Retains its killing properties for many days after application. It is ready and easy to use. Simply scatter on the ground under the vegetation. One pound covers about 400 square feet. 1-lb. carton 60 cts., 10-lb. carton \$4.50 50-lb. bag \$15.

Tree Tanglefoot

A sticky material for banding trunks of trees, vineyards, etc., to protect them against the ravages of climbing insect pests.

No mixing is required. It comes ready for use and is easily and quickly applied with a wooden paddle. One pound makes 15 to 20 lineal feet of band.

6 ozs. 45 cts., lb. 80 cts., 5 lbs. \$3.75, 10 lbs. \$7, 25 lbs. \$15.

Balsam Wool Tree Bands



Used with Tree Tanglefoot where indirect banding is desired. May be removed after insect season is over. Also makes an impenetrable barrier band for

rough-barked trees. Width 3 inches. Comes in rolls containing 16½ lineal feet. Per roll 50 cts., 12 rolls \$5.40.

Hammond's Tree Wound Paint

Contains ingredients necessary to protect trees after pruning; also healing of tree wounds. Used by orchardists, tree surgeons, and state foresters. Applied with a brush.

½-pt. 50 cts., pt. 90 cts., qt. \$1.75, gal. \$4.50.

Bartlett Tree Plastic

Used for cavities and crevices. Applied with a trowel.

½-pt. 50 cts., pt. 75 cts., qt. \$1.10, gal. \$2.10, 5 gals. \$7.

Tobacco Dust

A specially ground Tobacco Dust, guaranteed to contain not less than 1 per cent nicotine. It is particularly useful wherever a dusting powder is desired to destroy plant-lice. Owing to its extreme fineness it readily floats in the air, enveloping the entire shrub or tree in a dense cloud.

2-lb. carton 25 cts., 10-lb. pkg. 75 cts., 100-lb. sack \$3.60, 500 lbs. \$16.65.

Stanley's Crow Repellent

Protects your corn during the period when it is most easily damaged, by ridding your crop of crows and other corn-pulling birds, and animal pests, such as moles, gophers, woodchucks, squirrels, etc.

It positively will not clog any planter. It protects seed from rotting in the ground. It will not kill birds or animals, but *will* keep them away.

1-qt. bottle, enough for 4 bus. seed, \$1.75; 1-pt. bottle, enough for 2 bus. seed, \$1; ½-pt. bottle, enough for 1 bus. seed, 60 cts.

Fruitone

A spray for stopping pre-harvest drop of apples and pears. Spray tomato and bean blossoms for better fruit set.

½-oz. pkt. (makes 5 gals.) 25 cts., 2-oz. can \$1, 12-oz. can \$5.

Trowbridge's Grafting Wax

Used by softening in warm water, or by the warmth of the hand. It can then be drawn out as thin as paper and spread on the cut and around the graft.

½-lb. pkg. 35 cts., 1-lb. pkg. 60 cts., dozen 1-lb. pkgs. \$6.50.

Whale-Oil Soap

Effective in destroying many sucking insects and lice on plants, trees, ferns, etc. It is an excellent wash to use on rose bushes, porch flowers, vines, rubber plants and palms. Also used as a spreader and adhesive where required.

½-pt. can 35 cts., 1-pt. can 65 cts., 1-qt. can \$1.25, 1-gal. can \$4, 5-gal. can \$16.

Linso Soap

A high-quality soap spreader of linseed oil base. Very economical and highly effective. Use 1½ pints to 100 gallons of water.

½-pt. can. . \$0 35 | 1-gal. can. . . . \$2 10
1-qt. can. . 80 | 5-gal. can. . . . 7 45

Dogzoff

An efficient repellent against dogs, cats or rabbits. Not poisonous to plants and will not injure animals. Not offensive to humans. Applied with any small sprayer. Bottle 60 cts., postpaid.

Smith's Lightning Sprayer



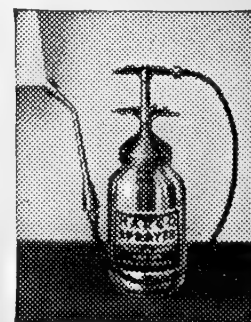
Well-built and suitable for all spraying purposes. Open-top tank provides for quick, easy filling and cleaning. Has simple positive device for locking pump to tank. Tank has a capacity of 3½ gallons and is well riveted to stand hard usage. Has 1¼-in. seamless brass pump. Furnished with 23 inches of ⅜-in. hose, 24-in. angle extension rod, trigger control shut-off and non-clog nozzle. No. 24GO. \$6.

Smith's Banner Sprayer

All of the latest improvements in Sprayer construction and design are built into the Banner Sprayer. Tank is made extra heavy and corrugated for long, hard service and has a capacity of 4 gallons. Open-top head permits quick, easy filling and cleaning. Equipped with 28 inches ⅜-in. hose, 24-in. extension rod, trigger control shut-off, and swivel non-clog nozzle. No. 22GO. \$7.80.

Harco Sprayer

An efficient, easy-to-use Sprayer for indoor or outdoor plants. Splendid for house-plants and seedlings in flats. Uses any water-soluble liquid insecticide. Furnished with 1-quart Mason jar, hose, and extension rod. \$2.35.



Asbestos Torch

A practical device for burning caterpillars, worms, and other tree pests. Has ball filled with asbestos fiber; attaches to any pole. 75 cts.

DELIVERY: At prices given in this Catalogue, Insecticides and Fungicides are delivered prepaid on orders amounting to \$2 or more. On orders less than \$2, include postage at rates given on page 1 under Parcel Post Shipments.

McCORMICK Standardized INSECTICIDES



Red Arrow Garden Spray

Kills many varieties of both chewing and sucking insects. One ounce makes several gallons of spray. Safe, leaves no poison residue when sprayed. Use restricted. See page 58.

Oz.....	\$0 35
4 ozs.....	1 00
Pt.....	2 85
Qt.....	5 00
Gal.....	16 50

Special Red Arrow

An extra high-powered pyrethrum spray especially effective for control of leaf-tyers, and leaf-rollers, Japanese beetles and other insects which are known to be susceptible to a pyrethrum spray. Leaves no poisonous residue. Use restricted. See page 58.

1-gal. bottle	\$12 00
5-gal. can	58 25



McCormick's "Red Arrow" Dust

Made with Rotenone

Kills bean beetles and most other leaf-eating and sucking insects. Use as a dust or spray. Leaves no poisonous residue. Used by commercial growers and home-gardeners. Use restricted. See page 58.

2-lb. bag 55 cts., 50-lb. bag \$7.50, 100 lbs. (2 50-lb. bags) \$14

DELIVERY: REFER TO BOTTOM OF PAGE 62



A Complete 3-Way Spray

Nicotine Pyrox

TRADE MARK REGISTERED

Nicotine Pyrox protects plants against insect pests, blight, and other fungous diseases. Because it contains all the necessary ingredients properly and scientifically blended, Nicotine Pyrox is a complete garden spray. It contains nicotine to combat sucking insects, arsenic poison to control leaf-eating insects, as well as a copper ingredient which provides protection against fungous diseases.

Nicotine Pyrox comes in a mixed paste form, ready to use. Just dilute with water, and spray. It sticks to the

foliage and does not easily wash off. The paste form of spray material is recognized by authorities as the most efficient form of spray material because it permits the finest mist-like spray which settles like fog over the plant, completely covering the surface of the foliage. Such a fine mist-like spray as Nicotine Pyrox provides is possible only because Nicotine Pyrox is a chemical precipitate which makes the minute particles many times finer than many dry, powdered materials can be ground.

20-oz. jar (makes about 4 gals. spray) 60 cts., 5-lb. can \$2, 25-lb. pail \$6.50

DELIVERY: REFER TO BOTTOM OF PAGE 62

HORMODIN "A"

Hormodin "A" contains the hormone-like plant-growth substance that stimulates rapid root-growth on cuttings, enabling growers to propagate from cuttings in higher percentages than ever before possible. Hormodin "A" comes in liquid form and offers the possibility of treating cuttings with any desired concentration of the active ingredient. Directions in every package. Ask for booklet.

5-cc. pkg. ...	\$0 50	120-cc. pkg. ...	\$4 50
15-cc. pkg. ...	1 00	240-cc. pkg. ...	8 00

HORMODIN POWDERS

The active ingredient in Hormodin Powder is the same active substance which is used in Hormodin "A."

No. 1. For soft wood cuttings. 1 3/4-oz. pkg. 50 cts., 1-lb. pkg. \$3.

No. 2. For less sensitive species and semi-woody types. 1 3/4-oz. pkg. 75 cts., 1-lb. pkg. \$4.50.

No. 3. For the more resistant species. 1-oz. pkg. \$1, 1/2-lb. pkg. \$4.50.

Combination Package. Consists of 1/2-oz. pkg. No. 1, 1/4-oz. pkg. No. 2, 1/4-oz. pkg. No. 3, all for 75 cts.

ROOTONE

The plant hormone powder. Use it for better rooting of cuttings, seeds, bulbs, corms, and tubers. Just dip the base of the moistened cutting in Rootone and set in sand or soil.

To treat seeds and bulbs just dust with Rootone before planting.

1/4-oz. pkt. 25 cts., 2-oz. jar \$1, 1-lb. can \$5.

Rootone No. 10. For woody cuttings such as azalea and evergreens. 2-oz. jar \$2, 1-lb. can \$10.

SCALECIDE

THE COMPLETE DORMANT SPRAY

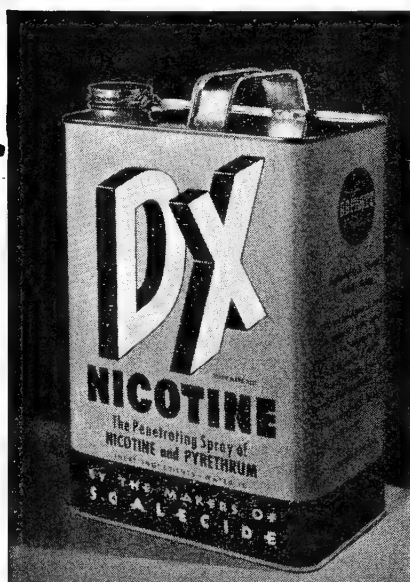
"Makes a Tree Outgrow Its Troubles"

The Guaranteed Oil Spray

Scalecide is a miscible oil that is known as the complete dormant Spray because it controls more insects and diseases than any other Spray or combination of sprays at one time. It is the safest Oil Spray that you can use.

Scalecide is noted for its effectiveness against scale, aphids, red mite and other pests. Scalecide is more than a scale Spray as it controls other insects that winter on the tree, and has a great beneficial effect on the vigor and vitality of your trees.

Scalecide is guaranteed to make a better orchard than lime-sulphur or oil emulsion. Ask for copy of full guarantee.



Spray fruit trees with Scalecide, 1 to 15, as a delayed dormant Spray. On peach and pear trees fall spraying is preferable to control peach curl and pear psylla.

Spray conifers, spruces, pines, shade trees, etc., with Scalecide 1 to 20 just before the new growth starts.

Spray evergreens, euonymus, etc., with Scalecide 1 to 25, in the spring.

PRICES

1-qt. can.	\$0 75
1-gal. can.	1 75
5-gal. can.	6 35
15-gal. drum \$12.95. Returnable drum extra \$2.00	14 95
30-gal. drum \$21.25 Returnable drum extra \$2.50	23 75
55-gal. drum \$32.89. Returnable drum extra \$3.00	35 89

Deposit on drum refunded when returned to B. G. Pratt Co., Hackensack, N. J., prepaid. Prices on 5 drums and upwards quoted on request.

EFFECTIVE PROTECTION
for FRUIT TREES,
SHADE TREES and
ORNAMENTALS



Made by the Makers of SCALECIDE



PYRETHRUM

A powerful, non-poisonous spray containing extra amount of Pyrethrum for greater toxicity. Controls sucking and chewing insects. Combines with arsenate of lead and standard fungicides. Dilutes 1 to 800 for sucking insects. (Use restricted. See page 58.)

1½ ozs. 35 cts., ½ pt. \$1.25, qt. \$3.50, gal. \$9.50, 5-gals. \$39.75.



ROTENONE

A powerful Rotenone spray of great penetrating qualities. Controls both sucking and chewing insects. Combines with arsenate of lead and standard fungicides. (Use restricted. See page 58.)

1½-oz. bottle 35 cts., ½-pt. can \$1.25, 1-qt. can \$3.50, 1-gal. can \$9.50, 5-gal. can \$39.75.



NICOTINE

A powerful and active nicotine spray of unusual qualities for sucking and chewing insects. One of the most effective aphid sprays. Use wherever nicotine is

indicated. Combines with bordeaux, lime, and sulphur fungicides. Especially effective with arsenate of lead against hard-to-kill insects. Its use is unrestricted.

1½ ozs. 40 cts., ½ pt. \$1.40, qt. \$3.95, gal. \$10.75, 5 gals. \$44.75

PARA-SCALECIDE FOR PEACH BORER

Para-Scalecide, the safest and most successful liquid treatment for peach-borer. Used on both young and old trees. Dilute 1 gallon to 7 gallons of water. Applied by spray or dipper in the fall or late spring. Injection method used against borers in shade trees, etc.

Qt. 85 cts., gal. \$2.20, 5 gals. \$7.03, 15 gals. \$16.82, 30 gals. \$27.50, 50 gals. \$39.15.

SULFOCIDE

A Better Summer Spray

A powerful fungicide for fruits, vegetables, and flowers. Especially effective for mildew, rust, anthracnose, brown rot, and other fungous diseases. Combine with any D-X formula for an all-purpose spray for insects and fungous diseases.

Pt. 60 cts., qt. \$1., gal. \$2.50, 5 gals. \$8.25, 30 gals. \$36.30, 50 gals. \$55.

SPRAY CATALIZER A spreader, sticker and safener for arsenate of lead, lime-sulphur or sulfocide, arsenate of lead combinations. Reduces lime-sulphur injury. Takes the place of casine and lime spreaders.

2-lb. bag 60 cts., case (24 2-lb. bags) \$11.52, 50-lb. bags \$11.

Stakes



Wooden, Round, Tapering, painted green.
Light Stakes are made from western white pine and the heavy from cypress.

	Doz.	100
1½ ft. long, light weight....	\$0 35	\$1 85
2 ft. long, light weight.....	55	3 50
3 ft. long, light weight.....	1 00	6 60
4 ft. long, light weight.....	1 30	9 40
3 ft. long, heavy weight....	1 40	10 00
4 ft. long, heavy weight....	1 85	13 00
5 ft. long, heavy weight....	2 35	17 00
6 ft. long, heavy weight....	2 75	21 00

Bamboo Canes. Dyed green. Uniform pencil thickness throughout. Just the thing for pot-plants and plants that need just a light support.

	Doz.	50	100	1,000
48 in. long.	\$0 20	\$0 60	\$1 00	\$8 00

Heavy Bamboo Tonkin Stakes. Make excellent supports for dahlias and plants of this type. Natural finish.

	Diam.	Doz.	50	100
4 ft. ⅝ to ¾ in.		\$1 75	\$5 75	\$10 50

Adjusto Plant Supports

A sturdy, hardwood stake seven-eighths inch square, with a strong wire support instantly adjustable to any height. A suitable support for tomatoes, dahlias, peonies, and all similar plants.



This is the way you adjust it

	Each	Doz.	Each	Doz.
3 ft.	\$0 27	\$2 50	5 ft.	\$0 37
4 ft.	32	2 85	6 ft.	40

Garden or Pot Labels (Painted)

3½ inch
Wired Tree Label

4 to 6 inch
Pot Label

8 to 12 inch
Garden Label

	100	500	1,000
4 in. x ⅝ in. wide....	\$0 40	\$1 60	\$2 65
5 in. x ⅝ in. wide....	45	1 75	2 90
6 in. x ⅝ in. wide....	50	1 90	3 25
8 in. x ⅝ in. wide....	80	3 50	6 60
10 in. x ⅝ in. wide....	90	4 10	7 70
12 in. x 1 ⅝ in. wide....	1 25	5 75	11 00
3½ in., copper-wired.	60	2 00	3 25

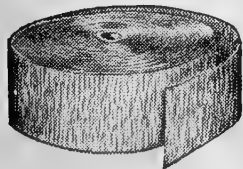
Evermark Label Pencil. Makes a permanent record on garden labels. 20 cts. each.

Utility Twist-Ems

Designed specially as a bunching tie for market gardeners. Saves time and labor and economical to use. Furnished in ¼-in. width and 7-in. and 16-in. lengths; green color.

7 in., 250, 50 cts.; 1,000, \$1.50; carton (25,000) \$26.25.
16 in., 250, \$1; 1,000, \$2.50; carton (10,000) \$16.50.

Duratex Waterproof Tree Wrap



Protects the trunks of newly planted trees against frost, sun scald, borer attack and rodents. Easily applied. 4 in. wide. Put up in rolls containing 155 lineal feet. Roll 75 cts., 10 rolls \$6.50, 25 rolls \$12.50.

Earthen Flower Pots



Standard Pots

Inside diam.	Each	Doz.
2½ in.	\$0 04	\$0 30
4 in.	07	60
5 in.	10	1 00
6 in.	15	1 50
7 in.	25	2 50
8 in.	35	3 25
9 in.	50	5 00
10 in.	70	7 00
12 in.	1 30	14 00

Flower-Pot Saucers

Inside diam.	Each	Doz.	Inside diam.	Each	Doz.
4 in.	\$0 05	\$0 45	8 in.	\$0 20	\$1 85
5 in.	07	65	9 in.	25	2 25
6 in.	10	90	10 in.	35	3 25
7 in.	15	1 35	12 in.	50	5 00

Azalea Pots

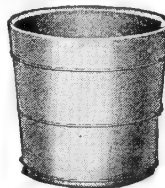
Inside diam.	Each	Doz.	100
6 in. x 4¾ in. deep....	\$0 15	\$1 50	\$10 50
7 in. x 5¼ in. deep....	25	2 50	17 50
8 in. x 5¾ in. deep....	35	3 25	23 00
9 in. x 6¼ in. deep....	50	5 50	39 00
10 in. x 6¾ in. deep....	65	7 00	48 00

Low Pans

Inside diam.	Each	Doz.	100
5 in. x 3¼ in. deep....	\$0 10	\$1 00	\$7 00
6 in. x 3½ in. deep....	15	1 50	10 50
7 in. x 3¾ in. deep....	25	2 50	17 50
8 in. x 4 in. deep....	35	3 25	23 00

Cedar Plant Tub

Made of seasoned, selected Virginia white cedar, bound with electric welded wire hoops, and painted with the best oil paints—a handsome green color inside and out. Regularly furnished with no handles.

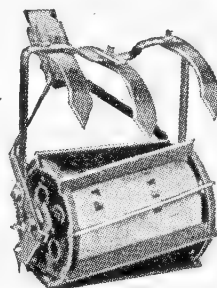


No.	Inside Size top diam.	Inside bot. diam.	Inside depth	Each
No. 3.	8 in.	6 in.	8 in.	\$0 95
No. 5.	10 in.	7½ in.	9 in.	1 20
No. 7.	12 in.	9 in.	11 in.	1 80
No. 9.	14 in.	11 in.	13 in.	2 60
No. 11.	16 in.	12½ in.	15 in.	3 25
No. 13.	18 in.	14½ in.	17 in.	3 75

Steel handles if desired, 25 cts. per tub, extra

The BARKER Weeder, Mulcher, Cultivator

One man with a Barker can do more work, do better work than ten men with hoes. It cultivates and pulverizes the soil, forming a soil-mulch which holds moisture. The underground knife cuts all weed roots, and the reel blades clear the dirt from the knife, making a perfect job of weeding.



Barker Weeder

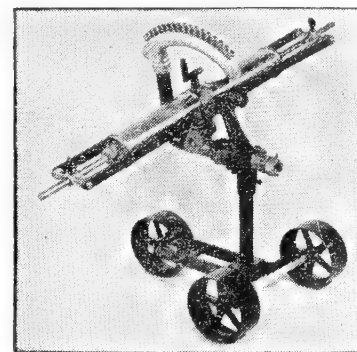
The Barker has 7¼-inch rugged disc wheels; new patented filler drum, and oscillating leaf-guards. Cutting parts of best-grade steel for its purpose.

No. 8½. An excellent size for general garden work. It cuts an 8½-inch strip. \$8.95.

No. 10. Knife cuts a 10-inch strip. A very popular size. \$9.65.

Raffia

For tying, bunching, basket-making, etc.
Natural. In plaits. Lb. 50 cts., postpaid 60 cts.; 10 lbs. \$4.50, postpaid \$4.75.
Green. Bundle (about 1 lb.) \$1.10.

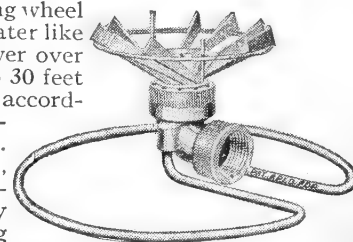


White Showers Rainbow Sprinkler

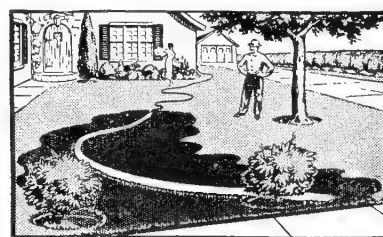
So designed that it sprinkles in a square instead of circle. The Rainbow has 17 nozzles, mounted on an oscillator and waters an area as large as 50 feet square, but it can quickly be adjusted for smaller areas and also for narrow strips and borders. Discharges 6 gallons per minute. Weight 25 lbs. \$45.

Holland Rotary Sprinkler

The whirling wheel distributes water like a gentle shower over an area up to 30 feet in diameter, according to the water pressure. Delivers even, uniform coverage. Only one moving part. Needs no oiling, has nothing to wear out or get out of order. \$1.25, postage 20 cts. extra.



Soil-Soaker Soaks Soil Thoroughly

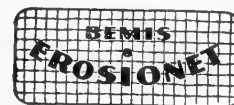


Made of porous canvas; screws to the water hose, replacing nozzle and sprinkler. The water seeps through the Soil-Soaker surface in drops and gently rolls to the ground without the slightest washing. Enables you to put the water exactly where you want it. Easily moved.

No. 0. 12 ft. . . \$1 40	No. 2. 30 ft. . \$2 90
No. 1. 18 ft. . 1 90	No. 3. 50 ft. . 4 75

Bemis Erosionet

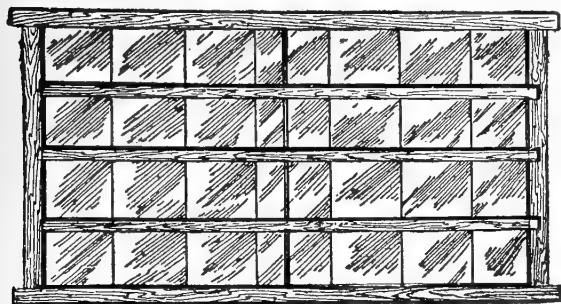
For New Lawns and Stubborn Terraces



Bemis Erosionet is a strong, economical, open-mesh fabric made of tightly twisted paper twine.

When placed over any seeded surface, its ¼-inch square mesh forms millions of tiny dams which catch and hold the seed and soil firmly in place. Thus, damaging "washouts" from heavy rains are effectively checked without cutting off the sunlight.

It is rot-resisting during the period of its need or if allowed to remain it will eventually disintegrate. 45 inches wide. Sample on request. 13 cts. per lineal yd., 250-yd. roll \$30.30.



Metropolitan Hotbed Sash

Metropolitan Hotbed Sash are made from select quality air-dried Tidewater Gulf cypress, fabricated and finished on specially designed sash-making machines. All parts are mortised and tenoned to insure accurate, smooth, and tight-fitting joints. The sides are planed perfectly straight to prevent any open space between sash when laid on the frame. They are strictly a quality product.

No. 13. 3 ft. 2 in. x 7 ft. for 4 rows of 8-in. glass.....\$5 60

No. 18. 4 ft. x 6 ft. for 5 rows of 8-in. glass..... 5 75

Above sash 1 3/4 inches thick with round iron cross-bar in center and with horns.

No. 8. 3 ft. 2 in. x 6 ft. for 4 rows of 8-in. glass.....\$3 60

Above 1 3/8 inches thick, with horns and cypress wood cross-bar.

All Sash are unpainted and without glass at prices quoted. 5-sash lots, 15 cts. per sash less; 10-sash lots, 30 cts. per sash less. Special prices on larger quantities or other sizes of sash quoted on request.

Glass for Hotbed Sash

Per box
6x 8, 150 lights, B, Single Strength..\$4 85
8x10, 90 lights, B, Single Strength.. 4 85
10x12, 60 lights, B, Single Strength.. 4 85
8x10, 90 lights, A, Single Strength.. 5 50

10 boxes and upward, 25 cts. per box less than above prices

Densoplastic (Glazing Putty)

A scientifically formulated permanent, elastic, non-bleeding adhesive glazing Putty for glazing, reglazing, and repairing of hotbed sash and greenhouses. Can readily be removed with a putty knife, thus permitting the easy replacement of broken panes. COVERAGE: 300 lineal feet of bar per gal., with 3/8-in. nozzle.

Natural Color

1-gal. can.....\$2 65
5-gal. kit10 25
55-gal. drum*.....95 75

Black Color

5-gal. kit\$8 50
55-gal. drum*.....79 25
Glazing Gun..... 4 50

Glazing Gun free with 55-gal. drums.
*55-gal. drums returnable at \$5 each



Hotbed Thermometer

No. 5981. Registers from 30° to 230° F. Has brass points. Length over all, 14 1/2 inches. \$4, postpaid.

Germaco Hotkaps



Germaco Hotkaps can make many extra dollars for you this season. They are patented wax-paper cones—"individual hot-houses for each plant" that completely cover them, and fully protect them from frost, wind, rain, ground-crusting, and insects. This is

your assurance of earlier, bigger crops, and higher, early-to-market prices. Hotkaps are inexpensive and easy to use.

25 Hotkaps.....	\$0 50	\$0 60
100 Hotkaps*.....	1 95	2 05
250 Hotkaps*.....	3 50	3 70
500 Hotkaps.....	6 00	6 35
1,000 Hotkaps.....	11 00	11 35
5,000 Hotkaps.....	53 75	
10,000 Hotkaps.....	105 00	

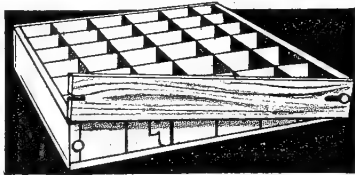
*Fiberboard Garden Setter included at price quoted.

Garden Setter, made of light metal, 50 cts. ea.

Steel Setter and Tamper, \$1.60 each.

Steel Tamper alone, 25 cts. each.

B-B Garden Flats



Made of choice lumber. Has patent detachable front which permits plants to be removed without disturbing the roots. Suitable for starting any kind of seeds indoors. Can be used either with or without pots. Size 12 3/8 x 18 3/8 x 3 in. Holds 54 2-in. pots or 24 3-in. pots. Price (without pots) 70 cts. each; 25 or more, 63 cts. each.

B-B Waterproofed Plant-Boxes



An economical Plant-Box for those who desire to have earlier and better flowers and vegetables. When plants are ready to set outdoors, simply unlock bottom, fold flaps back, and place plants in ground without disturbing roots. Consists of Plant-Box made of heavy cardboard and 12 folding Cardboard Pots. 20 cts. each, 2 for 35 cts., \$1.75 per doz., postpaid.

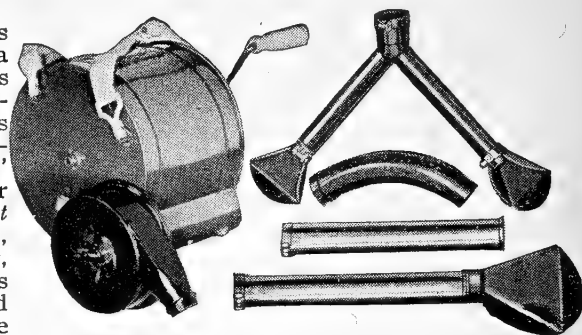
Neponset Red Flower Pots



Universally used by every grower of plants. When used for transplanting they can be handled quickly and the construction permits removing easily if desired. They are ideal for rooting or shipping vegetable and flowering plants of any description. Made from a tough, waterproof paper.

	25	Postpaid	100	Postpaid	1,000
2 1/4-in....	\$0 25	\$0 35	\$0 50	\$0 65	\$4 40
3-in.....	30	40	75	90	5 40
4-in.....	35	45	1 00	1 25	7 50
6-in.....	50	65	1 50	1 75	12 75

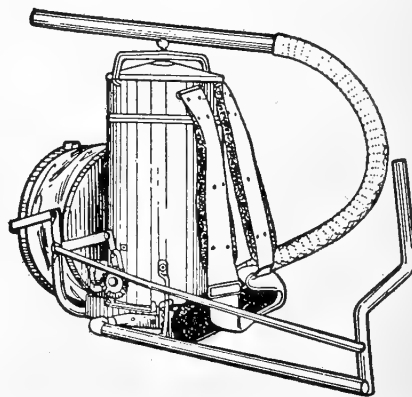
The Root Hand Gun



The ideal Dust Gun for dusting all kinds of agricultural dusts where the acreage is not large enough to justify the use of traction or power dusters. It has a powerful fan-blast which thoroughly breaks up the dust and distributes it evenly and uniformly. Can be operated with discharge tube in front or to the rear of the operator. The hopper has a capacity of 7 to 10 pounds of material. Built to stand hard knocks and rough usage.

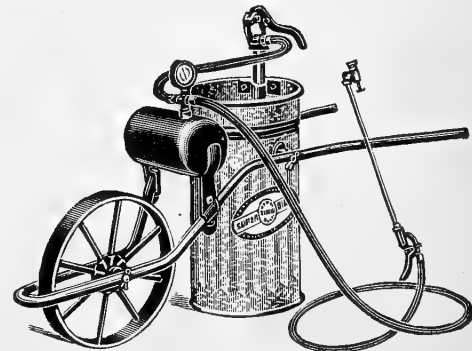
No. C3. \$21.

American Beauty Duster



Most powerful one-man Duster built. Drives dust 25 feet in air. Compound handle makes operating of bellows easy. Equipped with instant feed-control, flexible hose, 40-inch tubes and deflector to blow up under lower leaves. Capacity 15 to 20 pounds of dust. Internal moving parts constructed of brass or rustproof plating. Weight, 17 1/2 pounds. \$25.

Dobbins Wheelbarrow Sprayer



This outfit is adapted for spraying small orchards, vineyards, truck gardens, in the greenhouse, and a very convenient and efficient rig for whitewashing and disinfecting poultry-houses and dairy-barns. It can be used on hillsides and uneven ground without danger of tipping. Heavy galvanized tank, capacity 12 1/2 gallons. Equipped with 6 feet of 3/8-inch 5-ply hose, 2-foot pipe extension, spray nozzle and pressure gauge.

No. 3171. With air-pressure tank. \$20.75.

Tilley Ladders

They are the most convenient orchard ladders ever produced for trimming trees and picking fruit. Made very light and strong. The best that can be produced.

Single Ladders

OPEN TOP

12-foot.....\$5 25	22-foot.....\$10 15
16-foot..... 7 00	24-foot..... 12 65
18-foot..... 8 25	28-foot..... 16 90
20-foot..... 9 25	

POINTED TOP

15-foot.....\$7 75	21-foot.....\$10 75
17-foot..... 8 75	25-foot..... 14 25
19-foot..... 9 75	27-foot..... 15 50

Point included in above measurement.

Extension Ladders

Equipped with rope hoist and 2 gravity steel locks.

28-foot, extends to 25 feet.....	\$14 40
32-foot, extends to 29 feet.....	16 50
34-foot, extends to 31 feet.....	18 00
36-foot, extends to 33 feet.....	19 50
40-foot, extends to 37 feet.....	21 50

Omega Tripod Step-Ladder

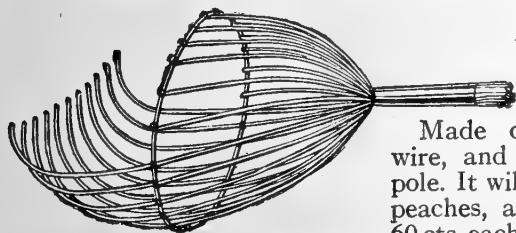
Particularly adapted for fruit-picking and for use on uneven ground. Light, strong, rigid, broad-based. Easy to stand on; easy to move; folds up snugly.

6-step....\$4 10	10-step...\$6 90
8-step... 5 50	12-step... 9 00

A first-class, well-made article. All flat steps. The two lower are supported by and rest on rounds which tie, support and thoroughly brace the main ladder.

Tilley Ladders are neither painted nor stained and the purchasers can see just what they are buying.

Pennsylvania Fruit-Picker

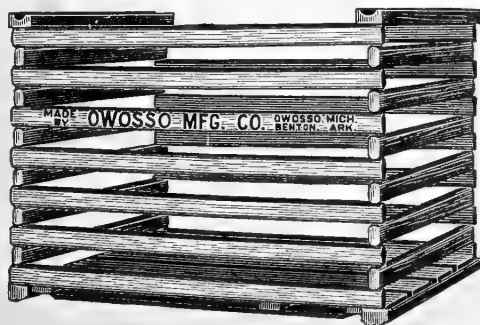


Made of heavy galvanized wire, and easily adjusted to a pole. It will gather apples, pears, peaches, and all similar fruits. 60 cts. each, postage 10 cts. extra.

Owosso Folding Fruit and Vegetable Crate

Made strong and durable. Used extensively for handling apples, potatoes, onions, and tomatoes from the fields; also for storage purposes. They stack up as high as desired and provide the right amount of ventilation.

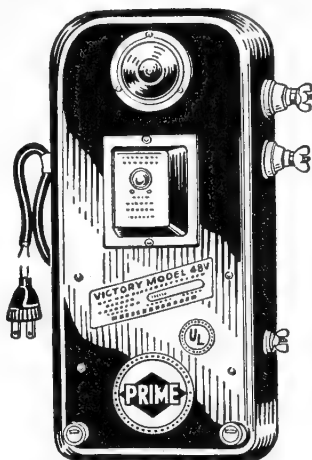
Size, 15½ inches wide, 17¾ inches long, 13½ inches deep. Holds one heaping bushel. 75 cts. each, prepaid 90 cts.; \$6 for 10, \$27 for 50, \$52 per 100, prepaid.



Prime Electric Fence Controllers

Prime Victory Model No. 48V

For use with 110-120-volt alternating current



Approved
for Safety
by

Underwriters'
Laboratories

The hi-line controller that delivers alternating current (the most effective type for electric fencing) to the fence line. Economical to operate (uses less than 2 kilowatt hours per month). No radio tubes to burn out. Current on fence interrupted by precision-built timing mechanism. \$34.50.

Equipped with:
Short Signal Light
Safety Circuit Breaker
Double Fuse Plugs
Specially Designed Transformer
Precision-Built Moto-Chopper.

Radio Interference Eliminator
Lightning Arresters
Ground Clamp
Instruction Books

Prime Victory Model No. 33V

For use with 6-volt direct current (batteries)

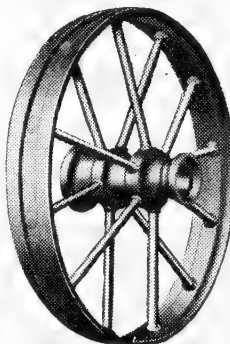
A rugged, portable model designed for outdoor use. Suitable for permanent installations or just the outfit for distant pastures and quickly erected, easily moved, temporary fences. Comes ready to install. \$15.50.

ACCESSORIES

- P1. Standard Post Insulators, 2 cts. each.
- P23. End and Corner Post Insulators, 4 cts. each.
- P26. Heavy Duty End and Corner Post Insulators. 10 cts. each.
- P19. Spring Tie Clips, to fasten fence wire to insulator, bundle of 100, 45 cts.
- P15. Looped wire for unpunched steel posts, bundle of 100, 70 cts.
- P500. Gate Handle, 25 cts. each.
- P501. Gate Spring, 7 cts. each.

Steel Wheels to Fit Old Wagons

Ready-Made Steel Wheels



Furnished only in heights and tire size indicated and to fit any of the skeins listed below. All wheels have deep groove tires. In ordering, give skein measurements and height of wheels wanted.

	4 x ¾ in. tire
24-in. height.....	\$4 35
28-in. height.....	4 98
32-in. height.....	5 75
36-in. height.....	6 85

Skein Sizes

Length	Large end Diameter	Small end	Collar	Nut
9 in.	3¼ in.	2¼ in.	Up to 5 ¾ in.	Up to 3 ¾ in.
10 in.	3¼ in.	2¼ in.	Up to 5 ¾ in.	Up to 3 ¾ in.
10 in.	3 ⅜ in.	2¼ in.	Up to 5 ¾ in.	Up to 3 ¾ in.
10 in.	3½ in.	2½ in.	Up to 5 ⅞ in.	Up to 3 ⅝ in.

Made-to-Measure Steel Wheels

The following prices apply to other skein sizes than given above.

	4 x ¾-in. tire		4 x ¾-in. tire
26-in. height.....	\$5 66	32-in. height.....	\$6 89
28-in. height.....	5 99	34-in. height.....	7 22
30-in. height.....	6 31	36-in. height.....	7 79

Other heights and tire sizes quoted on request.



START BEEKEEPING—IT PAYS WELL

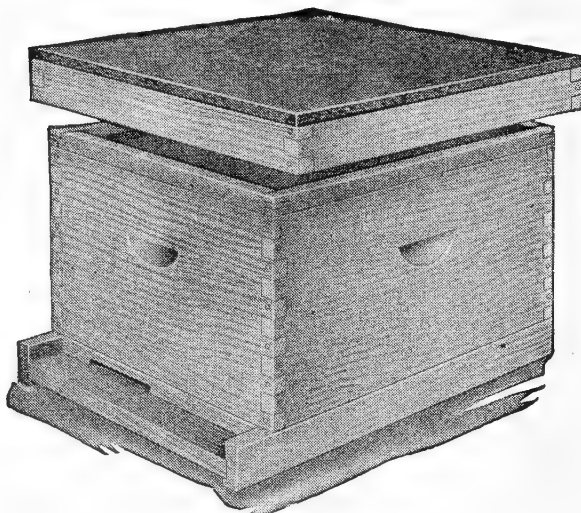
Root Quality Bee Supplies are well known and need no introduction to beekeepers. Every article is guaranteed to give you absolute satisfaction. If you do not find what you want listed on these two pages, write for Complete Catalogue.

Standard Hives

Standard Hive

KD. 10 Frames
(no comb-
foundation).

5 for \$17.50



The Standard Hive is made of the best selected pine lumber, perfectly milled and fitted together. It is the one most generally used by the largest honey-producers on account of its light weight and the ease with which it may be moved from one location to another.

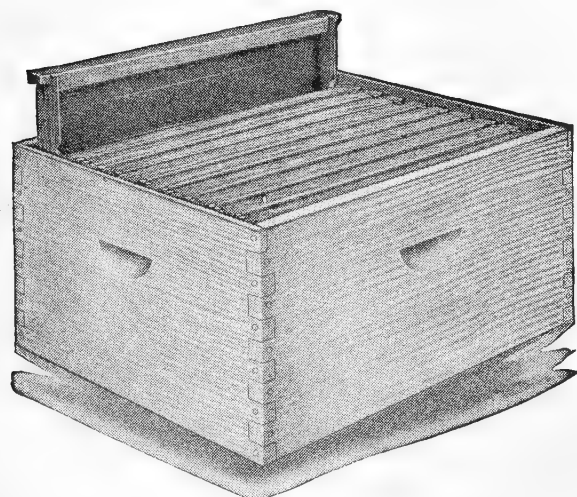
It is $16\frac{1}{4} \times 20$ inches, and $9\frac{9}{16}$ inches deep, outside measurements.

Hives in the flat are furnished with nails, tin rabbets, reversible bottom-board, mastic cover with inner cover, and Standard frames.

Cat. No.	DESCRIPTION	Quan.	Wt. lbs.	Price
A1	Hive complete, no foundation	1 KD	31	\$4 15
A2	Hive complete, no foundation	5 KD	156	17 50*
A3	Hive complete, full sheets foundation . .	1 NP	33	8 50

*Packed in four packages.

Hive-Bodies or Full-Depth Supers



Five
Hive-Bodies
10-Frame Size
No Frames

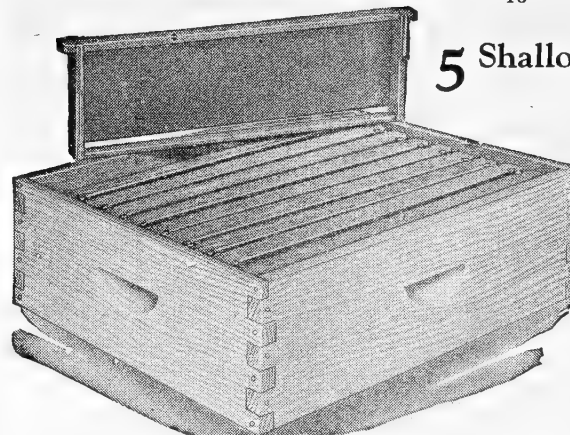
\$4.40

It pays
to have extra
Hive-Bodies

Made of the same high-quality materials as the Root Standard Hive. They may be used either as a brood-chamber, i. e., the lower story of the Hive, or as a full-depth upper story or super for extracted honey, thus forming a two-story Hive. Nails and tin rabbets included with bodies. No division-board.

Cat. No.	DESCRIPTION	Quan.	Wt. lbs.	Price
C1	Body without frames	1 KD	12	\$1 05
C2	Body without frames	5 KD	45	4 40

Shallow Extracting Supers ($5\frac{11}{16}$ inches deep)



5 Shallow Extracting
Supers

KD, with
frames,
no foundation

\$5.25

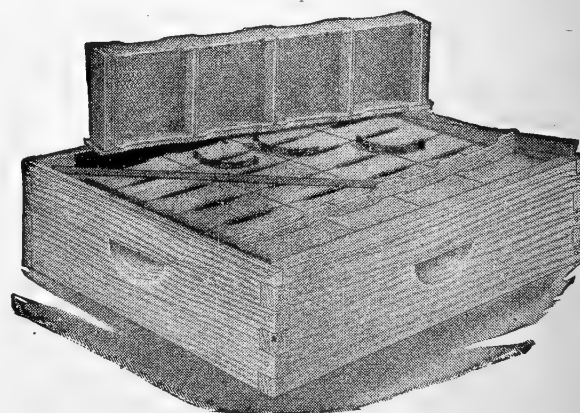
This Super is largely used in the production of chunk honey, also for producing extracted honey in shallow frames. Furnished with shallow Hoffman frames, $5\frac{3}{8}$ inches deep, without foundation. No tin rabbets or division-boards furnished.

Cat. No.	DESCRIPTION	Quan.	Wt. lbs.	Price
C17	Super with frames, no foundation	1 KD	9	\$1 20
C18	Super with frames, no foundation	5 KD	39	5 25
C12	Super without frames	1 KD	5	65
C13	Super without frames	5 KD	28	3 00

Beeway Section Super ($4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{7}{8}$)

This is the most commonly used Super. It is furnished with or without sections, and with or without inch foundation starters. It may be used on any hive, tiered up one or more high. Each Super holds 28 Beeway Sections.

Super complete without sections includes nails, flat tins, end-stops, Super springs, slotted section-holders, slotted separators, and follower.



$4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{7}{8}$ Beeway Section Super

Cat. No.	DESCRIPTION	Quan.	Wt. lbs.	Price
D5	Super, no sections or foundation	1 KD	7	\$1 15
D6	Super, no sections or foundation	5 KD	36	5 40

Plain Section Super ($4 \times 5 \times 1\frac{3}{8}$)

It is a deeper Super ($5\frac{11}{16}$ inches), and is fitted with section-holders and M fences with end-stops and springs. It will admit eight section-holders and eight fences with Super springs. Holds $32 \times 5 \times 1\frac{3}{8}$ Sections. Super complete without sections includes end-stops, section-holders, fences, Super springs, flat tins, and nails.

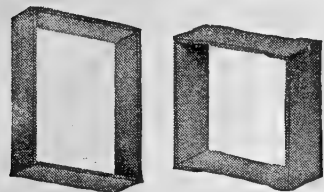
Cat. No.	DESCRIPTION	Quan.	Wt. lbs.	Price
D8	Super comp., no sections or foundation .	1 KD	12	\$1 90
D9	Super comp., no sections or foundation .	5 KD	50	8 70

Root Honey Extractors

L35	3-frame Honey Extractor. Hand power	\$16 95
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WRITE OR ASK FOR CATALOGUE OF ROOT'S QUALITY BEE SUPPLIES

BUY ROOT BEE SUPPLIES—SAVE MONEY



100 BEEWAY SECTIONS \$1.55
4 1/4 x 4 1/4 x 1 7/8

Root Quality Sections

Made of finest basswood lumber, sorted with great care, dried exactly right, planed and cut exactly, expertly polished, dove-tailed perfectly. Rounded bottom, V-grooved, so wood bends without breaking.

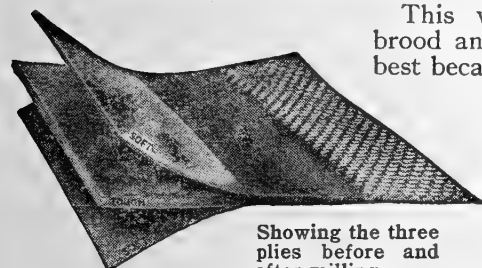
MILL RUN GRADE

4 1/4 x 4 1/4 x 1 7/8 Beeway Sections			4 x 5 x 1 3/8 Plain Sections		
Cat. No.	Wt. lbs.	Price	Cat. No.	Wt. lbs.	Price
F1. 100 Sections.....	7	\$1 45	F20. 100 Sections....	6	\$1 35
F3. 500 Sections.....	32	6 60	F22. 500 Sections....	27	6 10

Sections split three sides, \$1 per 1,000 extra

Three-Ply Airco Comb Foundation

This wonderful foundation for brood and extracting combs is the best because there is no sagging, no warping, one-third more worker cells, least amount of gnawing, and 7 sheets to the pound. Sheets are 8x16 3/4 inches.



Showing the three plies before and after milling.

Leads all others in volume of sales.

Cat. No.	Wt. lbs.	Per pkg.
H1. 10 sheets. For Standard Frames.....	3	\$1 40
H3. 50 sheets. For Standard Frames.....	9	6 45

Single-Ply Airco Foundation

Genuine Airco Process Foundation, made into clear, tough sheets from finest quality pure beeswax.

MEDIUM BROOD FOUNDATION

For Standard Frames			For Shallow Frames		
Cat. No.	Wt. lbs.	Per pkg.	Cat. No.	Wt. lbs.	Per pkg.
H20. 10 sheets.....	2	\$1 20	H26. 10 sheets.....	2	\$0 75
H22. 50 sheets.....	8	5 65	H28. 50 sheets.....	5	3 35

THIN SUPER FOUNDATION FOR COMB HONEY

For 4 1/4 x 4 1/4 Sections			For 4 x 5 Sections		
Cat. No.	Wt. lbs.	Per pkg.	Cat. No.	Wt. lbs.	Per pkg.
J1. 1-lb. carton.....	2	\$1 05	J12. 1-lb. carton.....	2	\$1 05
J3. 5-lb. carton.....	7	4 95	J14. 5-lb. carton.....	7	4 95

For 4 1/4 x 4 1/4 Split Sections			For Shallow Frames		
Cat. No.	Wt. lbs.	Per pkg.	Cat. No.	Wt. lbs.	Per pkg.
J6. 1-lb. carton.....	2	\$1 05	J22. 1-lb. carton.....	2	\$1 05
J8. 5-lb. carton.....	7	4 95	J24. 5-lb. carton.....	7	4 95

Frames

Made of clear soft pine lumber, and milled on special machinery designed and built by A. I. Root Co.

Cat. No.	Wt. lbs.	per 100	10	50	100
G1. Standard Frame, 9 1/8 x 17 5/8.....	45	\$0 85	\$3 10	\$6 05	
G20. Shallow Extracting Frame, depth 5 3/8.....	25	60	2 30	4 30	
G24. Shallow Extracting Frame, regular Hoffman top-bar.....	38	75	2 90	5 60	
G40. Regular Half-depth Frame, depth 4 1/2.....	24	2 30	4 30		
211. Root Frame-nailing Device. Wt. 10 lbs.					\$1.85 each.

Wire for Frames

Made especially for the purpose. A 1/2-lb. spool will wire 100 regular frames.

Cat. No.	Wt. ozs.	Price	Cat. No.	Wt. ozs.	Price
G60. 1-oz. spool.....	2	\$0 11	G62. 1/2-lb. spool....	10	\$0 25
G61. 1/4-lb. spool....	6	17	G63. 1-lb. spool.....	18	45

Root Smokers

Made of quality material throughout. Designed to give satisfactory service.

Cat. No.	Size of Fire Box	Wt. lbs.	Each
N2. Junior (tin).....	3 1/4 x 5 in.	2	\$0 85
N3. Standard (tin).....	3 1/4 x 7 in.	2	1 05
N5. Jumbo (tin).....	4 x 7 in.	3	1 25
N7. Big Jumbo (tin).....	4 x 10 in.	3	1 80

Bee Veils, Gloves and Hat

Cat. No.	Mailing Wt.	Price
N10. Indestructible Veil.....	1 lb.	\$0 85
N11. Alexander Veil.....	1 lb.	80
N12. Delphos steel Veil.....	1 lb.	1 10
N15. Veil (Cotton tulle).....	3 oz.	1 00
N18. Collapsible Hat.....	4 oz.	1 50
Drill Bee Gloves, Small, Medium, Large.....	1 lb.	1 05

Honey Section Cartons

Cat. No.	Wt. lbs. Per 100	100	500
T10. Window Cartons for 4 1/4 x 1 7/8 Sections.....	6	\$1 25	\$5 50
T30. Window Cartons for 4 x 5 Sections.....	6		5 50
T40. Regular Cartons for 4 1/4 x 1 7/8 Sections.....	6	95	4 00

Super Fixtures

Cat. No.	Wt. lbs. Per 50	10	50
E1. Section Holders for 4 1/4 x 4 1/4 x 1 7/8 Sections..	15	\$0 50	\$2 30
E8. Section Holders for 4 1/4 x 4 1/4 x 1 1/2 Sections..	11		2 20
E5. Section Holders for 4 x 5 x 1 3/8 Sections.....	19	65	2 95
E15. Beeway Wood Separators, 1/10 in. thick...	7	30	1 30
2548. Beeway Wood Separators, thin.....	4 1/2	20	92
E25. P Fences, used with 4 1/4 x 4 1/4 x 1 1/2 Sections.	5	73	3 50
E27. M Fences, used with 4 x 5 x 1 3/8 Sections....	6	78	3 70
E12. End Stops.....	2 1/2	17	70
E35. Super Springs.....	12 ozs.	10	40

Miscellaneous Supplies

Cat. No.	Wt. lbs.	Price
B12. Cypress Bottom Board, 1KD.....	7	\$0 80
B13. Cypress Bottom Board, 5 KD.....	37	3 75
B25. Hive Stand for 10-fr. Standard Hive, 1 KD...	4	70
B26. Hive Stand for 10-fr. Standard Hive, 5 KD...	21	3 15
B1. Mastic Cover with Inner Cover, 1 KD.....	11	1 40
B2. Mastic Cover with Inner Cover, 5 KD.....	51	6 25
B4. All-Wood Cover, 5 KD.....	31	3 65
22671. Inner Cover, without bee escape, nailed.....	4	45
B9. Inner Cover, without bee escape, 5 KD.....	12	1 85
O5. Double Bee-Escape.....	1 oz.	17
B30. Queen Excluder. Standard 3-Wire and Wood	4	68
B35. Queen Excluder, Special 7-Wire and Wood...	4	75
O8. Wire Queen and Drone Trap.....	2	50
O9. Wire Entrance Guard.....	1/2	15
416. Root Foundation Fastener, without lamp.....	2 ozs.	30
420. Root Wax-tube Fastener.....	5 ozs.	30
N75. Hand Section Press.....	1 1/4	45
N68. Inexpensive Frame-Wiring Outfit.....	1	50
N70. Combined Frame-Wirer and Wire Imbedder.		
With resistance coil.....	10	5 10
N65. Spur Wire Imbedder.....	1/2	20
N80. Hive Tool, 8 in.....	1/4	57
N81. Hive Tool, 10 in.....	6 ozs.	65
N85. Bristle Bee Brush.....	4 ozs.	55
N35. Plain Uncapping Knife, 8 1/2 in.....	1	1 60
N36. Plain Uncapping Knife, 10 in.....	1	1 80
O2. Boardman Feeder with cap only.....	12 ozs.	25
X5. ABC and XYZ of Bee Culture. 815 pages.		
732 illus. Postpaid.....		2 50
X8. Starting Right with Bees. 98 pages. 184 illus. Ppd....		50

Bees and Queens

V 3. 2-lb. pkg. with queen (April 15 to June 1).....	\$3 85*
V 6. 3-lb. pkg. with queen (April 15 to June 1).....	4 95*
V15. 2-lb. pkg. with queen (After June 1).....	3 40*
V18. 3-lb. pkg. with queen (after June 1).....	4 75*
V 9. Queen (Before May 15) Postpaid.....	1 15
V12. Queen (After May 15) Postpaid.....	95

*PRICES ARE F. O. B. APIARY, EXPRESS CHARGES ADDITIONAL

Prices of Bee Supplies are f.o.b. Pittsburgh. On mailable articles forwarded by parcel post, add for postage at rates given on page 1, using weight given in connection with each article

Morton's Sugar-Cure

For Hams and Bacon

A high-grade meat salt, accurately proportioned and scientifically blended with marvelously balanced Sugar-Cure, select spice flavors and the curative and flavoring properties of refined condensed wood smoke. Every ingredient necessary to cure meat and impart to it delightful flavor is combined with the salt. This improved Sugar-Cure does the entire job. 2½-lb. can 25 cts., 10-lb. can \$1.

Morton's Tender-Quick

A special meat cure for pumping hams and shoulders and curing beef, veal, mutton, lamb, etc. It is so perfectly blended that it cures faster, improves the flavor, and makes more tender cured meats. 2½-lb. can 50 cts., 10-lb. can \$2.

Morton's Sausage Seasoning

Ready for use and makes delicious sausage. 10-oz. can 30 cts., 7½-lb. can \$2.50.

Wright's Condensed Smoke

Since 1895, Wright's Condensed Smoke has been used for smoking all kinds of meat, fish, and game. It is quickly and easily applied with a cloth or brush. Warranted pure and wholesome. One pint properly smokes 150 pounds of meat. 1-pt. 65 cts., 1-qt. \$1.

Blackman's Medicated Lick-A-Brik

Conditioner and tonic for horses, mules, cows and sheep. Easy to use—just keep one in the feed-box all the time. 25 cts. per brick, \$2.75 per doz., \$5.25 for 2 doz.

Keystone Pure Salt Bricks

Practical dairymen and live-stock feeders know that live-stock like and want salt. Cattle and horses will be more thrifty and more healthy if given the proper amount of salt in their rations.

Place the Salt Bricks in the feeders built especially for them where the stock can have access to them at all times. They are of pure, unadulterated salt.

25 cts. per brick, doz. bricks \$2.75, 2 doz. bricks \$5.25. Feeder, 60 cts. each.

Sal-Vet

Mineral Supplement for all Live-stock

Contains the necessary minerals required by live-stock; aids digestion, helps to keep them in healthy condition. Used and recommended by live-stock feeders and breeders for over 40 years.

5-lb. pkg. \$0 75	50-lb. bag. \$4 50
10-lb. pkg. 1 20	100-lb. bag. 7 50
25-lb. pkg. 2 50	

Salt Blocks

In 50-lb. block; pure salt 60 cts. each, sulphur 85 cts. each.

Perfection Dairy Salt

10-lb. sack 25 cts., 25-lb. sack 50 cts., 100-lb. sack \$1.60.

Crushed Rock Salt

10-lb. sack 25 cts., 100-lb. sack \$1.50.

Wyandotte Cleaner and Cleanser

An efficient but harmless cleaner made purposely for washing milk utensils and containers. It contains no soapy grease, makes no soapy suds, nor resembles soap agents in any way. Used by thousands of farmers and dairymen everywhere.

5-lb. sack 45 cts., postage 15 cts. extra; 100-lb. bag \$4.85, 280-lb. bbl. \$13.80, f.o.b. Pittsburgh.

K-O Live-Stock Fly Spray

10 per cent Milk Loss Avoidable

Careful experiments have demonstrated that fly-annoyance reduces milk-production. Knox-Out is an efficient killer and a repellent fly-spray. K-O is not gummy or sticky. It will not stain cows or clothing; it does not irritate the eyes or hands of the milkers. K-O has a light, pleasant odor, and does not taint milk when used as directed.

1 gal. \$1 50	30 gals. \$23 33
5 gals. 6 75	50 gals. 36 67

B-K Dairy Bactericide

A fast-acting chlorine bactericide used for treating dairy utensils and milk-plant equipment to kill bacteria. It aids in producing milk of low bacteria count, thus increasing quality, which brings better prices. It works faster, more cheaply, and more thoroughly than dry heat, hot water, or steam as ordinarily used. It does the job in hot or cold water.

B-K POWDER

9½-oz. bottle ... \$0 75 | 1¼-lb. bottle ... \$1 50

B-K LIQUID

4-oz. bottle. \$0 30	1-gal. bottle. \$2 00
10-oz. bottle. 50	5-gal. jug. 8 50
1-qt. bottle. 90	

HTH-15 Farm Sterilizer

Here's a sterilizer that makes it easy to keep bacteria counts down and protect your milk-quality. HTH-15 is a dry, free-flowing powder packed in handy, key-opening cans. One standard tablespoonful of the dry powder makes 3 gallons of effective dairy-rinse that is safe to use on milk equipment.

You can also check the spread of respiratory and other diseases of poultry by using HTH-15 in the drinking-water, to disinfect brooders, incubators, pens and other poultry equipment. 1-lb. bottle 50 cts., 3-lb. bottle \$1, case of 6 3-lb. bottles \$5.

Kow-Kare

This great tonic and conditioner supplies invigorating elements needed by freshening cows, promotes digestion and assimilation. Give KOW-KARE with the feed to promote vigor for low-cost production and cow health.

1¼-lb. package 65 cts., 2¾-lb. package \$1.25, postpaid.

Bag Balm

For Udder and Teats

Never be without this antiseptic ointment for quick healing of tender tissues. A potent aid in treating caked bag, inflammation, exterior teat and udder troubles, and all farm healing.

10-oz. package 60 cts., postpaid.

Bag Balm Teat Dilators

For spider, scabs, bruises, internal injuries, hard milkers. Smooth, ivory-like, cannot irritate or absorb pus infection.

Package of 25, 60 cts., postpaid.

Dr. Hess' Stock Tonic

Used with success for more than 40 years, and now improved in keeping with latest tested and proved feeding practices. Minerals needed by heavy-producing dairy cows have been increased; whets appetite; sustains milk-flow well through lactation period. Valuable at calving-time; increases profits from steer-feeding, and puts horses and mules in condition.

1½-lb. pkg. \$0 30	15-lb. pkg. \$2 10
3-lb. pkg. 55	25-lb. pkg. 3 15
7-lb. pkg. 1 10	100-lb. drum 10 50

Pratt's Animal Regulator

A tonic for Horses, Cattle, Sheep, and Hogs. Pkgs. 25 cts., 50 cts., and \$1, postpaid. 25-lb. carton \$3.40, postage 37 cts. extra.

Pratt's Cow Tonic

A regulator and medicinal tonic. Pkgs. 60 cts. and \$1.20, postpaid; 25-lb. pail \$5, postage 37 cts. extra.

Dr. Hess' Hog Special

A tonic and mineral supplement for milch cows, feeder cattle, horses and sheep. 1½-lb. pkg. 30 cts., 3-lb. pkg. 55 cts., 7-lb. pkg. \$1.10, 100-lb. drum \$10.50.

Pratt's Hog Powder

A digestive tonic, bowel regulator, worm-expeller, and fattener. Pkgs. 50 cts. and \$1, postpaid.

Dr. Hess' Dip and Disinfectant

Kills foul odors. For sheep-, horse-stables, dairy-barns, hog-pens, poultry-houses, dog-kennels, and general disinfecting. 1-qt. can 65 cts., 1-gal. can \$1.75, not prepaid.

Calves' Cordial

An effective intestinal astringent for Cows and Calves. 1-lb. pkg. 50 cts.

Dr. A. C. Daniels' Horse Medicines

Postpaid

Colic Drops. For colic. \$1 30
C. C. & F. Drops. Coughs, colds, and fevers. 65 cts. and 1 30

Horse Conditioner. A condition powder. 65
Worm Powder. An aid in expelling worms. 65

Wonder Lotion. Scratches, wounds, and cuts 35 cts. and 65

Gall Salve. A relief for saddle and harness sores. 35 cts. and 65

Antiseptic Healing Powder. For sores, cuts, and wounds. 50

Hoof Ointment and Softener. 65

Oster Cocus Liniment. Cord and muscle liniment. 35 cts. and 65

Spee Dee Track Liniment. For strained tendons, sore muscles, and a general rub-down. Gal. \$7.50.

Hoof Dressing and Polish. 65

Fiebing's Saddle Soap

The best preparation for cleaning saddles and all articles of brown leather. 12-oz. tin 35 cts.

Fiebing's Harness Soap Dressing. Oils, softens, and preserves all articles of black leather. 1-lb. tin 40 cts.

Since 1908 Corona Since 1908
Antiseptic Ointment for Cows and Horses

Every farm, dairy, and high-class stable will find CORONA indispensable for minor skin injuries and irritations. IDEAL for chapped, cracked teats and udders, barbed-wire cuts, galled bruised shoulders, snags, scratches. Soothing—softening. 8-oz. can 65 cts., 20-oz. can \$1.30, 5-lb. can \$5.

PTZ

Worm Treatment for Farm Animals

Made with phenothiazine, the new non-toxic worm treatment for sheep, horses, swine, cattle and poultry. Highly effective against the six common species of worms infesting sheep.

PTZ Pellets. 13.5-gram, 7 cts. each; 8-gram 4½ cts.

PTZ Powder. 4-oz. pkg. 75 cts., 1-lb. pkg. \$1.60, 5-lb. pkg. \$7.30, postpaid.

Special Forceps. For individual dosing. 50 cts.

Kan't-Kik Kow Hobbler

Stops kicking, side-stepping and saves many a pail of milk. Easily and quickly attached. Clamps over tendons on cow's hind legs. Will not injure or torture the animal in any way. 35 cts.

Improved Keystone Dehorner

The Improved Keystone Dehorner is the most efficient dehorning knife on the market today. It has been improved in several important points of construction, until its strength, cutting service and durability have been greatly increased.

Complete with extra set of blades and screws, \$18, postpaid. Special circular sent on request.

Sealright "Liftright" Milk Bottle Cap

Has strong tab that lifts at the touch of the finger. Ideal Cap for general use.

No. 2 size. Packed in tubes, 500 Caps each.

Stock printing.	Postpaid
500 caps. \$0 45	\$0 55
1,000 caps. 85	95
5,000 caps. 3 50	3 75

25,000 caps. \$16 00	Prepaid
50,000 caps. 30 00	

Printed to order.

10,000 caps. 9 80
25,000 caps. 17 50
50,000 caps. 32 00

Electro charge of \$1.25 for one color and \$2 for two colors will be made on orders for caps with new designs.

Caps printed to order are shipped direct from factory and transportation charges prepaid at prices quoted.

Banco Milk Filter Discs

Made of thinly rolled, non-absorbent cotton especially for the purpose. Filters quick, clean, and uniform.

Plain Discs. 6-in. diam., pkg. of 100, 45 cts.; pkg. of 300, \$1.25. 6½-in. diam., pkg. of 100, 50 cts.; pkg. of 300, \$1.45.

Thread-faced Discs. 6-in. diam., pkg. of 100, 70 cts.; pkg. of 300, \$2.05. 6½-in. diam., pkg. of 100, 80 cts.; pkg. of 300, \$2.30.

Postage 10 cts. extra on package of 300

Poultry Equipment Situation for 1944

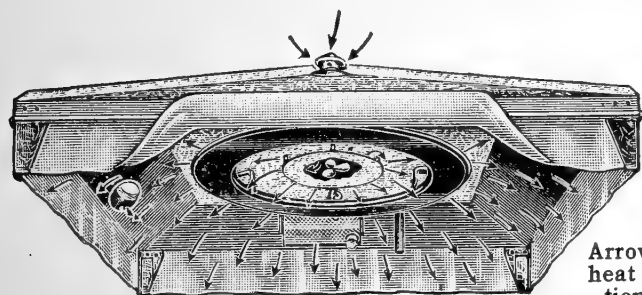
The production of all Poultry Equipment—Incubators, Brooders, Batteries, Poultry House Equipment and Supplies for 1944 is still restricted by the War Production Board. While the quantity that will be available is expected to be substantially more than in 1943, it is likely the supply will not be nearly sufficient to meet the needs of poultry raisers. Be-

cause of this condition we have not included a complete listing of this equipment in our 1944 Catalog.

If you are interested in any of this equipment, we suggest you come into the store or get in touch with us by mail or telephone. Please be assured it is our desire to serve you if at all possible.

THE I. W. SCOTT COMPANY

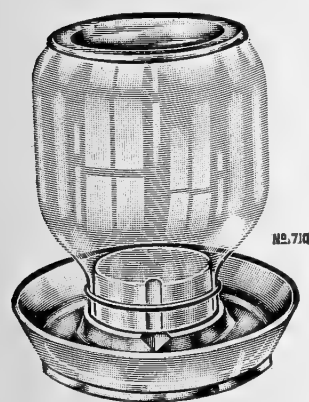
Oakes "Fan-Type" Electric Brooder



Arrows show heat distribution by fan

Oakes Electrics provide a practical and economical method of brooding chicks. Electric fan insures even heat and clean, fresh warm air for every chick. Heating element is guaranteed for 2 years but will give many years of service. Masonite canopy is well braced and rigid. Heater and wiring enclosed. Wafer-operated snap-switch, pilot light, ventilator in center, adjustable legs, denim curtains. Shipped knocked down. For 110-volt A. C.

	Canopy	Capacity	
No. 750.	52 x 52 in.	Up to 385 chicks.	\$27 10
No. 751.	48 x 72 in.	Up to 500 chicks	36 80



Sani-Flow All-Glass Waterer

Easy to handle—easy to clean and fill. Has specially designed jug. Operates on vacuum principle. Capacity about 7 quarts. Weighs about 22 pounds when filled with water. Suitable for chicks, broilers or pullets.

No. 710. \$1. Postage 30 cts. extra.
No. 1164 All-Glass Chick Waterer. Capacity about 1 gallon. 40 cts. Postage 25 cts. extra.

Genuine Glass Cloth

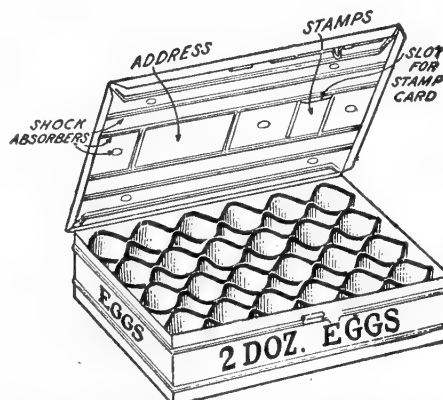
A strong fabric treated by a patented process to make it translucent, weather-proof, and water-proof. It readily transmits the life-giving, vitalizing ultra-violet rays of the sun. Needed by poultry in winter months. Easily put up. In rolls 36 inches wide.

100-yd. roll, 900 sq. ft....\$31 50	15-yd. roll, 135 sq. ft.....\$4 75
50-yd. roll, 450 sq. ft.... 15 75	10-yd. roll, 90 sq. ft..... 3 25
Less than 10 yds., per yd.	40

R-V-Lite Vitapane

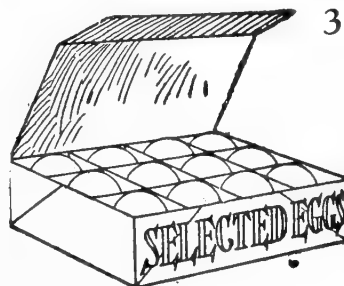
The new transparent glass substitute for installation in poultry- and brooder-house windows, cold and hotbed frames, storm-doors, etc. It is made from transparent cellulose acetate, reinforced with a tough netting fabric. High transmission of ultra-violet rays, durable, lightweight, waterproof, easy to install. 36 in. wide. 50-ft. roll, \$9.25; cut lengths, 22 cts. per lineal ft.

Aluminized Metal Egg-Crate



Solves every problem for shipping eggs by parcel post. Built for continued use; practically indestructible; lasts for years. No wrapping is required. A permanent lock pin attached to the crate holds the lid rigidly closed. Fillers have metal edge. Reversible address cards visible through opening in lid. Names of shipper and receiver are placed on each side of this card.

Weight without eggs	Each	Postpaid	Weight without eggs	Each	Postpaid
1-doz. size. 2 lbs...	\$1 25	\$1 35	4-doz. size. 5 lbs...	\$2 00	\$2 13
2-doz. size. 3 lbs...	1 50	1 61	6-doz. size. 6 lbs...	2 50	2 64
3-doz. size. 4 lbs...	1 75	1 87			



3 x 4 Folding Egg Carton

One-dozen size. No printing

This is the regulation Folding Egg Carton, used where eggs are delivered direct to customers. It is not a parcel-post box.

	Postpaid
12 Boxes.....\$0 15	\$0 25
50 Boxes.....	60 80
125 Boxes.....	1 20 1 45
250 Boxes.....	2 15 2 60
500 Boxes.....	4 00 4 85
1,000 Boxes.....	7 65 Notppd.

2 x 6 Folding Egg Carton

Holds one dozen eggs and made with full-cushion filler, giving full protection to the eggs, and long front flap, which gives a rigid top to the box. Not suitable for parcel-post use.

	Postpaid		Postpaid
12 Cartons.....\$0 25	\$0 35	250 Cartons.....\$3 25	\$3 85
50 Cartons..... 75	95	500 Cartons..... 5 75	6 85
100 Cartons..... 1 50	1 80	1,000 Cartons.....11 00	Notppd.

Humpty Dumpty Egg Carrier

Constructed to withstand hard knocks; easy to pack and unpack, easy to carry. Can be used over and over again. Furnished complete with fillers.

	Each	Postpaid		Each	Postpaid
3-doz. size.....\$0 50	\$0 60	12-doz. size.....\$0 65	\$0 80		
6-doz. size..... 60	70	15-doz. size..... 70	90		

Egg-Case Fillers, 20 cts. per doz., postpaid 30 cts. Case of 100 three-dozen size fillers, \$1.10.

Cushion Flats, 20 cts. per doz.; \$1 per 100, postpaid \$1.25.

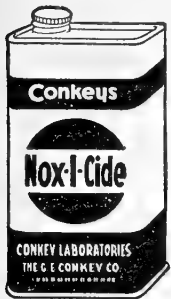
Fillers and Flats are once used but in good shape.

Day-Old Chicks, Ducklings, Turkey Poults

We make a specialty of furnishing all popular breeds of Day-old Chicks, Baby Ducklings and Turkey Poults during the season. All are selected with extreme care of blood-tested flocks from reliable hatcheries. Prices on request.

Conkeys Aids to Poultry Health and Profits

The secret of poultry profits lies in good birds, careful handling, good feed, and prevention of disease. For almost forty years Conkeys have contributed to poultry raisers' profits by supplying effective aids to health and productivity. You will do well to keep these products on your poultry shelf—for regular use and emergencies:



Conkeys Nox-I-Cide. Serves many purposes. Use it in solution as a disinfectant spray for control of diseases; to help keep down mites, ticks, blue bugs, etc.; for washing incubators, brooders, fountains, etc.; for dipping cattle and sheep to control lice, mange and sheep ticks. It's unusually economical because it can be diluted up to 1 to 100 parts.

Pt. 40 cts., qt. 60 cts., gal. \$1.50.

Conkeys Poultry Tonic. Aids appetite, digestion, and helps your birds to get more out of their feed.

1½ lbs. 25 cts., 3½ lbs. 50 cts., 6½ lbs. \$1, 50 lbs. \$5.75, 100 lbs. \$10.50.

Conkeys Old Reliable Powder. Has been used successfully for over 30 years. It's a fine "first aid" for treating some common poultry ailments and acts as a tonic too.

Oz. 25 cts., 2½ ozs. 50 cts., 7 ozs. \$1, 1½ lbs. \$2.35, 5 lbs. \$5.50, postpaid.

Conkeys Dia-Tabs. In the drinking water helps to keep chicks and poult healthy. As a mild intestinal astringent, these phenosulphonate tablets are good for all classes and ages of poultry.

25 tablets 25 cts., 55 tablets 50 cts., 125 tablets \$1, 500 tablets \$3, 1000 tablets \$5.50, all postpaid.

Conkeys Inhalant Spray. A soothing aid for mucous membranes in mouth, throat, nostrils, and upper respiratory tract of poultry. Easy to use as a spray, vapor, or dip.

4 ozs. 65 cts., 8 ozs. \$1, 16 ozs. \$1.75, 32 ozs. \$3.25.

Conkeys Poultry Pills. An effective expectorant to assist poultry in expelling accumulation of mucous in upper respiratory tract.

75 pills 35 cts., 175 pills 75 cts., 500 pills \$1.75.

Conkeys Nikala Tablets. For large roundworms.

When birds are not laying properly, look for evidence of worms and give them this effective treatment.

Pullet size: 200 tablets \$1, 2000 tablets \$9.

Adult size: 100 tablets \$1, 1000 tablets \$9.

Conkeys 100-to-1 Powder. For large roundworms. Worms are one of the major causes for depleted vitality and productivity of poultry. Mix 100-to-1 Powder in your mash for chicks and grown birds alike at regular intervals.

4 ozs. 30 cts., lb. \$1, 2 lbs. \$1.75, 5 lbs. \$4, 10 lbs. \$7.50.

Conkeys Lice Powder. Adheres to flesh and feathers and destroys lice and mites that suck the energy from your birds. For individual treatment or use in dust-bath.

12 ozs. 25 cts., 6-lb. pail \$1.50, postage prepaid.



Burrell-Dugger Poultry Remedies



An aid in protecting drinking-water of chicks from harmful effects of bacterial contaminated water from spreading disease from one bird to another in the flock. Try Avicol with your next batch and note results.

Price, 50 cts.; large size (holds three times 50-ct. size) \$1; economy size (6 times \$1 size) \$5, postpaid.



Group-Over

Nasal and throat infections often attack poultry with costly results. The symptoms are running nose, wheezing, rattling and choking. These infections, whatever their

origin—so-called "colds" or other purulent catarrhal conditions—tend to clog the air passages with excessive stringy mucous secretions.

Group-Over as an individual treatment and as a vapor will be found a valuable aid in expelling the accumulations of such mucous in the upper nasal passages. Poultry raisers everywhere say they never saw anything like Group-Over for quick results.

Prices, 50 cts.; \$1 (2½ times 50-ct. size); \$3 (4 times \$1 size), postpaid.

Nopco XX Cod-Liver Oil

A uniform, dependable vitamin A and D supplement for daily use in all poultry and live-stock feeds. **Nopco XX** is not only for poultry. Hogs, calves, dairy cows and other animals need vitamins A and D, too. **Nopco XX** is not ordinary cod-liver oil. Each gram of **Nopco XX** is guaranteed to contain 400 A. O. A. C. units of vitamin D and 3,000 U. S. P. units of vitamin A. It's economical!

2-lb. can \$1.75, 5-lb. can \$3.75. Postage extra.

Animal-Poultry Yeast Foam

A live yeast product. The benefit in yeast-feeding comes from fermentation of the mash brought about by the enzymes which are found in live yeast. Fermentation of a poultry mash increases its palatability. It can also be fed to all kinds of animals and livestock. Mix it in the feed for cattle, hogs, dogs, rabbits, turkeys, chickens, pigeons, ducks and foxes. Mix one pound of A.-P. Yeast Foam to 100 pounds of mash and allow to stand 24 hours.

4-lb. box \$1.

DON SUNG

Tonic and Conditioner for Laying Hens

Don Sung is easily and economically given in the mash feed of laying hens. It does not force or hurt the hen in any way. It has been successfully used and recommended for years by large and small poultry raisers from coast to coast. Complete directions for proper feeding and housing to promote better egg-production are enclosed with every package. Get a package of Don Sung and see what it will do for your flock—you'll be more than pleased with results.

Don Sung Tablets: Small size (45 tablets) 50 cts.; large size (3 times 50-ct. size) \$1; special size (6 times \$1 size) \$5, postpaid.

T. S. F. (Talcimized Sodium Fluoride)

Kills All Poultry Lice

An effective preparation to get rid of poultry lice. It kills all lice, including the lice that hatch from eggs present on the fowl at the time of treatment.

½lb. 35 cts., lb. 60 cts.



"I Need T. S. F."

Carbola The Disinfecting White Paint

A white paint and powerful disinfectant combined in powder form. Stir the powder in a pail of water and it is ready for brush or sprayer. *Won't peel or flake.*

It gives walls and ceilings a smooth, white finish, and helps keep buildings free from contagious disease germs. For poultry houses, etc. One pound covers about 100 square feet. 5 lbs. 60 cts., 10 lbs. \$1, 25 lbs. \$1.90, 50 lbs. \$3.50.

Dr. Salsbury's Poultry Medicines

As a member of Dr. Salsbury's Nation-Wide Poultry Health Service, we have, at all times, the latest bulletins, booklets, and literature of the scientific poultry world. Ask or write us for free educational literature.

Avi-Ton. For chickens and turkeys. Avi-Ton is a flock treatment for the removal of roundworms, and cecal worms, also contains ingredients that are recognized as having a beneficial effect on digestion. In powder form. Avi-Ton mixes easily in wet or dry mash. 10-oz. pkg. 30 cts., 3-lb. pkg. \$1.35, 6-lb. pkg. \$2.30, 15-lb. pkg. \$5.50, 25-lb. drum \$8.60, 50-lb. drum \$16.20, 100-lb. drum \$31.

Can-Pho-Sal. A medicinal inhalant spray to be diluted with water for spraying chicks and older birds, too, with pneumonia, bronchitis, roup, colds, and all respiratory diseases. 2-oz. bottle 50 cts., 4-oz. bottle 85 cts., 8-oz. bottle \$1.25, 16-oz. bottle \$2.10, 1-qt. bottle \$4, 1/2 gal. \$7.50, gal. \$14.

Phen-O-Sal. Widely used for bowel troubles in baby chicks and fowls of all ages. In tablet form. They dissolve quickly, and 125 tablets medicate more than 60 gallons of drinking-water for baby chicks. 25 tablets 30 cts., 50 tablets 55 cts., 125 tablets \$1.15, 300 tablets \$2.30, 500 tablets \$3.45, 1,000 tablets \$6.25.

Rakos. A first-aid treatment for acute or chronic coccidiosis. Preferably used in scratch grain, but can also be used in the drinking-water. Rakos is antiseptic, acidifying, and astringent in action, and should be used at the first sign of watery, bloody or yellow droppings in growing birds. 1 qt. treats 300 growing birds. 1/2 pt. 90 cts., pt. \$1.45, qt. \$2.30, 1/2 gal. \$4.25, gal. \$7.

Par-O-San. A general disinfectant for poultry-houses, incubators and brooding equipment. It may be either sprayed or applied with a scrub-brush or broom. Kills coccidia, worm eggs, lice and mites by contact. One quart makes 25 gallons of a general disinfectant. 1/2-pt. bottle 60 cts., 1-qt. bottle \$2, 1-gal. bottle \$6.50.

Nic-Sal. Kills lice and mites on poultry by application on the roosts. Applied by brush or oil-can. One pint treats 350 feet of roosts. 4-oz. bottle 50 cts., 1/2-pt. bottle 90 cts., 1-pt. bottle \$1.45.

Rota-Caps. Recommended for the removal of tapeworms and roundworms in chickens and turkeys. No toxic after-shock; no loss in egg-production or set-back in growth.

Adult Size: 50 caps 75 cts., 100 caps \$1.35, 200 caps \$2.50, 500 caps \$5.

Pullet Size: 50 caps 50 cts., 100 caps 90 cts., 300 caps \$2.50.

K-R-O Kills Rats

Cannot kill livestock or poultry. Non-poisonous; sure death to rats and mice. Ready to use. 6-oz. size 35 cts., 22-oz. size \$1.

Pratts Poultry Remedies

Pratts Poultry Regulator. Contains "Trace Elements." Sold on money-back guarantee of "More Eggs in 15 days or your money back." Added to the mash it helps hens lay. Pkgs. 50 cts. and \$1, 12 1/2-lb. pkg. \$1.75, 25-lb. carton \$3.15, 100-lb. bag \$10.65.

Pratts Dip and Disinfectant. Should be used liberally by all livestock and poultry owners to help control worms, lice, and all diseases. Qt. 60 cts., gal. \$1.60.

Pratts R-P Tablets. Helps keep drinking-water safe and thereby prevents spread of colds and "roupy" condition through the flock. Pkgs. 30 cts. and 60 cts.

Pratts Chick Tablets. New—they're floated. Far superior to other chick drinking-water preparations. They keep the water safe 24 hours a day. Pkgs. 30 cts. and 60 cts., postpaid.

C-Ka-Gen. Stops heavy losses from bloody coccidiosis. Works by the "immunity" (permanent protection) method. Given in the feed, no handling of birds. Pkg. (50 chicks) 75 cts., pkg. (100 chicks) \$1.25.

Pratts "Split-Action" Worm Capsules. An individual treatment for poultry infested with large roundworms and large tapeworms.

Adult Size: 50 capsules 85 cts., 100 capsules \$1.50, 500 capsules \$5.50, 1,000 capsules \$10, postpaid.

Chick Size: 50 capsules 55 cts., 100 capsules \$1, 500 capsules \$3.75, 1,000 capsules \$6.50, postpaid.

Pratts Poultry Worm Powder. A flock-treatment for poultry infested with large roundworms. Feed it in the mash. 60-ct. pkg. (50 hens), \$1 pkg. (100 hens), \$4.25 pkg. (500 hens).

Pratts Roost Paint. A modern poultry lice and mite killer. Contains nicotine in a special activated base. Applied to the roosts. 1/2 pt. \$1, pt. \$1.75, qt. \$2.50, gal. \$7.50.

Pratts Powdered Lice Killer. An old stand-by for delousing poultry, stock, and pets. Pkgs. 30 cts. and 60 cts.

Lippincott's Poultry Remedy

For the control of roup, Lippincott's has never failed to give quick results when used in the proper way and the birds properly housed. 35c, 60c, and \$1 per bottle, ppd.

Walko Tablets

A valuable drinking-water antiseptic for baby chicks, turkeys, ducks, geese, or older fowls. Aids in preventing spread of disease through contaminated water. Give to little chicks in their drinking-water as soon as they are out of the shell. Pkg. (100 tablets) 50 cts., pkg. (235 tablets) \$1, pkg. (1,000 tablets) \$2.50, pkg. (2,000 tablets) \$4.

Rutland Water Glass

Prepared especially to keep eggs fresh over a period of time. One quart will preserve from 15 to 20 dozens of eggs.

Pt. 20 cts., qt. 30 cts., gal. 90 cts.

Dr. Hess Products

Dr. Hess Poultry Pan-A-Min. Its tonics promote appetite; keep hens healthy; start pullets and moulted hens to lay. Formerly known as Dr. Hess Panacea. 1 1/2-lb. pkg. 30 cts., 3-lb. pkg. 55 cts., 7-lb. pkg. \$1.10, 15-lb. pkg. \$2.10, 25-lb. pkg. \$3.15, 100-lb. drum \$10.50.

Dr. Hess Nicozine. A combination of phenothiazine with nicotine. Effective for the removal of large roundworms and cecal worms. Given in mash, the expulsion of worms starts in a few hours and is usually completed within 3 days. No fasting or laxatives required. 2.2-oz. pkg. (50-bird size) 50 cts., 4.4-oz. pkg. 90 cts., 11-oz. pkg. \$1.90, 1 3/8-lb. pkg. \$3.

Dr. Hess Poultry Tablets. Valuable in treatment of roup; slightly astringent, non-irritating, and healing. Used as a local antiseptic and to medicate drinking-water. Aids in preventing disease. 25 cts., 50 cts., and \$1, postpaid.

Dr. Hess Powdered Louse-Killer. Effective in ridding poultry of lice and mites. 1-lb. pkg. 30 cts., 2 1/2-lb. pkg. 65 cts.

Lee's Germazone

Germazone helps prevent the spread of germs through the drinking-water, and medicates the digestive tract. Give to baby chicks and birds of all ages. 4-oz. bottle 40 cts., 12-oz. bottle 75 cts., 32-oz. bottle \$1.50.

Lee's Acidox

Aids in the care of flocks showing visible symptoms of coccidiosis. For chickens and turkeys. Administer in the drinking-water. 4-oz. bottle 50 cts., 12-oz. bottle \$1, 32-oz. bottle \$2, 1-gal. bottle \$6.50.

Chic-Tone

Chic-Tone in the drinking-water increases the appetite and builds up vitality. It is both an intestinal antiseptic and general tonic. Protects against many intestinal disorders—helps to keep your birds healthy, aiding them to get maximum value from the feed consumed. Chic-Tone in the drinking-water is a safeguard and insurance against low vitality. Qt. \$1, gal. \$3.50, 5 gals. \$13.75.

Chic-Tone Inhalant

When poultry raisers pour Chic-Tone in the drinking-water and spray Chic-Tone Inhalant in the air, their death-losses from colds and respiratory ills are kept way down, and that applies to birds of all ages from baby chicks to old hens. Powerful, germ-killing gases and healing oils in Chic-Tone Inhalant are inhaled by birds, opening up the nostrils, causing discharge of mucus, healing irritated membranes. Do not dilute. Spray right into faces of birds. Qt. \$1, gal. \$3.50, 5 gals. \$13.75.

Morton's Rabbit Salt Spools

Keep your stock healthy and in good condition by keeping Salt Spools always before them. Prevents common disorders and disease. Two kinds: pure salt and salt with sulphur added. Either kind, 6 cts. each, 10 for 50 cts., postage 10 cts. extra; 100 for \$4.50.

B-K Poultry Disinfectant

A powerful quick-acting hypochlorite disinfectant used as an aid in preventing the spread of diseases by contaminated equipment and drinking-water. It is not only a powerful disinfectant, but also a deodorant.

B-K Powder is used as a dry expectorant dust and is applied by means of a dust gun over the heads of baby chicks and adult birds infected with colds, simple bronchitis and infectious bronchitis.

Powder		Postpaid	
9½-oz. bottle.....	\$0 75	\$0 85	
1¾-lb. bottle.....	1 50	1 60	
Liquid		Not Postpaid	
4-oz. bottle	\$0 30	\$0 40	
10-oz. bottle	50	60	
1-qt. bottle	90	1 05	
1-gal. bottle.....	\$2 00		
5-gal. jug.....	8 50		

HTH-15

Don't let colds and other respiratory troubles sap the strength of your breeding flocks. Dust with HTH-15 to prevent and combat these ailments. Use it regularly in the drinking-water to prevent spread of infection. Invaluable disinfectant for brooders and incubators. 1-lb. bottle 50 cts., 3-lb. bottle \$1, case of six 3-lb. bottles \$5.

Toxite Disinfectant Spray

Recommended especially for disinfecting brooders, poultry-houses, stables, and other contaminated places. KILLS Red Mites, Bedbugs, Fowl-Ticks, Cattle-Lice, Termites, Fleas, Ants, Blue Bugs, Hog-Lice, Roaches, and similar pests by contact.

Qt. 50 cts., gal. \$1.50, 5-gal. drum \$6.50.

Zenoleum Disinfectant-Dip

An efficient insecticide, disinfectant, deodorizer, germicide, and cleanser. It is essentially a solution of coal-tar creosote oil soap and gives a most perfect emulsion when mixed with water. Use it as a spray in poultry houses and kennels, dip for sheep and lice on horses and cattle. Makes an excellent wash for dogs. One quart makes about 25 gallons of solution. 8-oz. can 35 cts., 1-qt. can 75 cts., 1-gal. can \$2.

Morti-Cocci

Used and recommended by many leading poultrymen for the control of coccidiosis. It should always be kept on hand for immediate use at the first symptoms of the disease. Add it to the drinking-water. A gallon is sufficient for 500 chicks. Complete directions on package.

Qt. \$1.50, ½gal. \$2.50, gal. \$4.

Iodine Suspensoid Merck

The practical, economical way to destroy coccidial oöcytes, the eggs of the parasite that causes coccidiosis, one of the most serious and wide-spread diseases of poultry.

A concentrated product to be diluted with water.

½-lb. bottle \$1.90, 1-lb. bottle \$3.50.

Carbolineum

Standard Insecticide and Wood Preserver
Since 1876

One thorough application of Avenarius Carbolineum, either by brush or sprayer, to the walls, droppings-boards, roosts, etc., of buildings, will kill all mites by direct contact and effectually stop their propagation. Only necessary to apply once a year.

Avenarius Carbolineum is composed of non-volatile anthracene oils and other ingredients, and represents the very cream of wood-preserving oils. It will not evaporate or leach from wood in a short time, but will remain there almost indefinitely.

Termites (white ants) will not attack Avenarius Carbolineum treated wood. Even after they have been found, future infestations may be prevented if Avenarius Carbolineum is applied.

1-gal. can \$1.80, 5-gal. drum \$8.35, 10-gal. drum \$16, 35-gal. drum \$46.65, 55-gal. drum \$64.40.

5-gal. drum returnable at \$1, 10-gal. drum at \$2, 35-gal. and 55-gal. drums at \$5 each.

Fox's Cannibalism and Pick-Out Control

A specially prepared red stain that is painted on the windows. It is transparent, moisture-proof, and can be applied on inside or outside of the windows and can be used on glass, Cel-O-Glass, or glass substitutes. Gives off a red glow under which chicks cannot distinguish blood. Stops instantly cannibalism in chicks and pick-outs in laying pullets. One pint covers 60 to 80 square feet of glass.

½-pt. can 90 cts., 1-pt. can \$1.50, 1-gal. can \$8.50.

Pik-Rem

Stops Cannibalism

Pik-Rem is not a medicine but a help in breaking the vicious habit of chicks picking each other and will quickly break up the condition known as cannibalism. It is blood-colored and blood-soluble, making it adhere to raw bloody surfaces. Very effective and harmless.

5-oz. jar 50 cts., 12-oz. jar \$1, 26-oz. jar \$2, postpaid.

Toxite Veterinary Ointment

Antiseptic and healing and is made for treating cuts and sores of animals. Unusually effective for stopping tail-picking and cannibalism in poultry.

4-oz. jar 50 cts., postpaid.

"Black-Leaf 40"

Controls Poultry Lice and Mites

A sure method for controlling body-lice. With the "Cap-Brush" Applicator, the 1-ounce bottle will treat about 90 birds, other sizes in proportion. (Applicator included in the 1-oz., 5-oz., and 1-lb. bottles.)

When used as a spray, dilute at the rate of 2 to 3 tablespoonfuls to 1 gallon of water and add about ¼ bar of laundry soap. 1-oz. bottle 35 cts., 5-oz. bottle \$1.05, 1-lb. bottle \$2.42, 2-lb. tin \$3.57.

**"Black Leaf" Worm Powder
CONTROLS POULTRY ROUNDWORM**

An odorless, tasteless, dry compound containing nicotine that remains insoluble until it reaches the intestines where large round-worm infestation occurs. This product furnishes "one-shot" control of round-worm without handling the birds and without the disturbance caused by individual handling.

"Black Leaf" Worm Powder is easily fed in mash. The dose for 100 birds is 4 ounces, mixed in a gallon of mash, fed the first thing in the morning. 4-oz. pkg. 75 cts., 1½-lb. pkg. \$3, 3-lb. pkg. \$5.60, ppd.

"Black Leaf" Worm Pellets. Produced from "Black Leaf" Worm Powder. Highly efficient. 85 cts. per 100, \$3.25 per 500, \$6 per 1,000, postpaid.

Gold-Leaf Tobacco Powder

Manufactured especially to control roundworms in poultry. So certain is its action that it may well be considered a specific for the control of this trouble. The treatment is exceedingly inexpensive.

Mix two pounds of Gold-Leaf Tobacco Powder with 100 pounds of dry mash. 2-lb. carton 25 cts., 10-lb. package 75 cts., carton (6 10-lb. packages) \$4.

PTZ Powder

Worm Treatment for Poultry

Effective in the removal of cecal worms in poultry. Recommended dosage one-tenth gram per bird—added to the ground feed. Made with phenothiazine. 4-oz. pkg. 75 cts., 1-lb. pkg. \$1.60, 5-lb. pkg. \$7.30, postpaid.

Iodine Vermicide Merck

Kills worms in poultry the approved way. One gallon of diluted material is sufficient to treat about 125 adult birds. Iodine Vermicide will not throw birds off egg-production, but will, if properly used, increase it materially. ½-lb. bottle \$1.80, 1-lb. bottle \$3.25.

Dosing Appliance, chick or poultry size 35 cts.; adult turkey size \$1.

BOOKS

American Standard of Perfection. Published by the American Poultry Association and is the American authority on the recognized characters of all breeds of chickens, turkeys, ducks, and geese. Contains nearly 500 pages, 218 illustrations. Cloth, \$2.50.

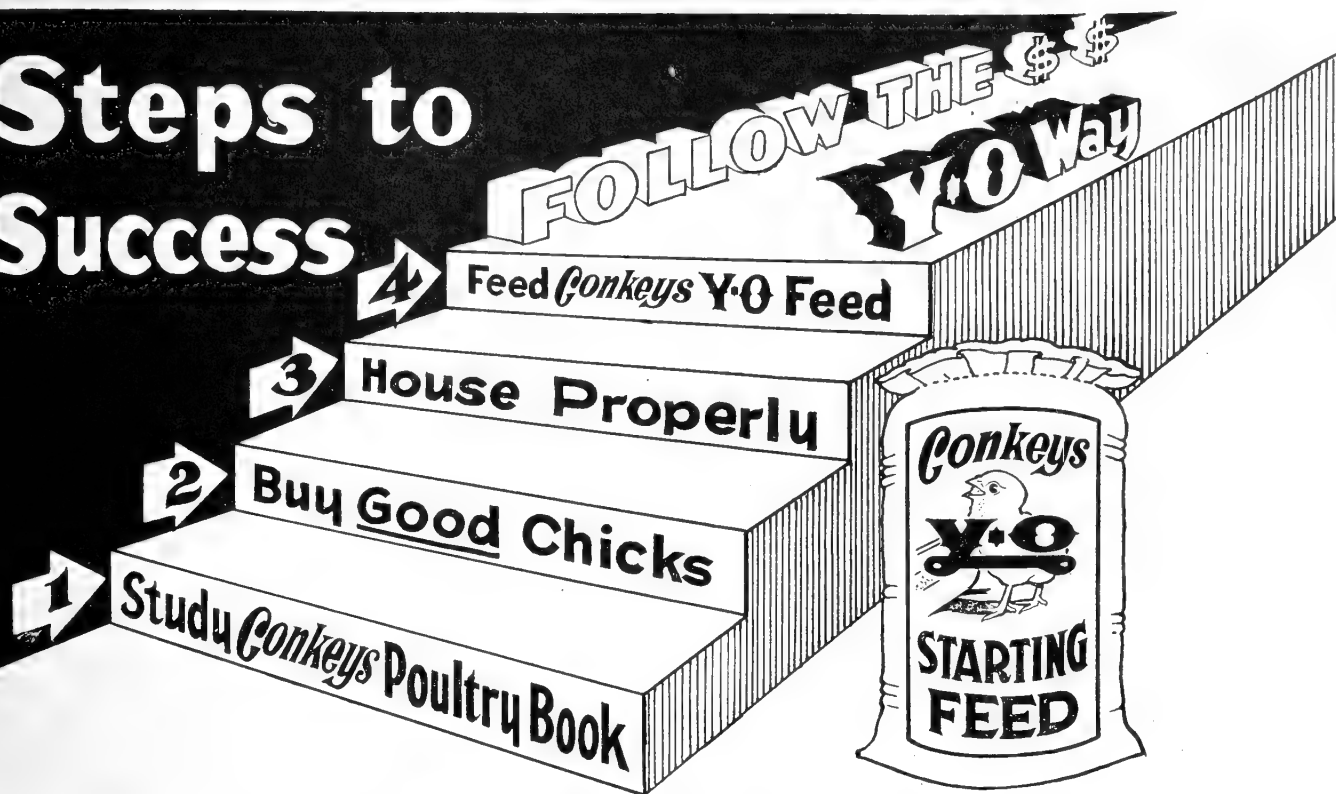
Best Plans of Poultry-Houses. Following the plans in this book is assurance that you will have a satisfactory poultry-house at the least expense. Illustrated. 50 cts.

Modern Poultry Farming. By Louis M. Hurd. A practical guide for both large and small poultry-keepers, and those interested in starting a poultry enterprise. Full of money-making ideas and modern in every respect. Cloth, \$3.50.

The Home Veterinarian's Handbook. By E. T. Baker. Tells how to handle emergency situations regarding farm animals and poultry. Contains information on: horses, cattle, hogs, sheep, goats, rabbits, dogs, cats, poultry, wild animals, medicine, poisons and parasites. Cloth, \$2.50.

Turkey Production. By L. E. Cline, B.S., M.S. A complete text on breeding, feeding, handling, marketing, and disease control, prepared for the use of turkey producers and agricultural students. 450 pages; illustrated. Cloth, \$3.50.

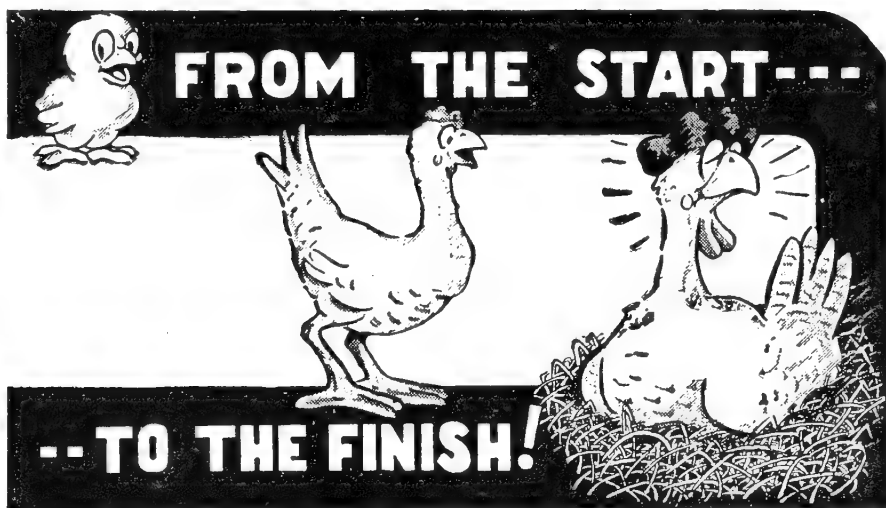
Steps to Success



FEED

THE HUBBARD SUNSHINE WAY

More Profit
Better Results



HUBBARD SUNSHINE—CHICK—POULTRY and TURKEY FEEDS

Oyster Shells

They supply sufficient lime for the shell of the egg. Should be kept within easy access to fowls all the year round.

Grit

Essential to all fowls from day-old chicks to full-grown birds. Aids in grinding the food.

Health Grit for Pigeons

Helps keep birds' digestive organs in prime order and wards off many troublesome diseases. Keep before birds at all times. We have two brands: **Broschowsky's** and **Red Cross**.

Meat and Bone Scrap

Supplies the necessary protein and bone phosphate for egg-making. Obtained from freshly rendered meat-trimmings and is thoroughly dried.

Poultry Charcoal

Aids digestion and helps prevent disease. Fowls young and old should have free access to it at all times.

Dried Buttermilk

Supplies the vitamins, protein, and mineral matter which are essential in the diet of all young animals for rapid growth. Fed mixed with ground feeds.

Dickinson's Rabbit Pellets

A complete, balanced and nourishing food for rabbits. Being in pelleted form it eliminates waste.

Miscellaneous Seeds and Grains

Cracked Corn
Whole Corn
Pinhead Oatmeal
Hulled Oats
Sunflower Seed
Hemp Seed
Canary Seed
Rape Seed
Kaffir Corn

Pigeon Peas
Whole Flaxseed
Flaxseed Meal
Wheat
Buckwheat
Millet
Alfalfa Leaf Meal
Cotton Seed Meal

Our stocks of the above are carefully selected and will be found equal to any on the market.

PRICES ON THE ABOVE FEEDS AND MATERIALS WILL BE QUOTED ON REQUEST

Dog and Pet Foods and Supplies



Bannock Body Builder

"Dog Food at Its Best"

For ALL DOGS · ALL BREEDS · ALL AGES

Healthful, economical, and convenient to feed, Bannock Body Builder is a balanced ration, containing all of the food elements necessary for the proper nutrition of dogs. Proteins, vegetables, fats, minerals, vitamins, and "THYMAVITE"*—all especially selected and in correct proportion. Breeders, trainers, and veterinarians alike recommend Bannock Body Builder.



"Thymavite"* is the new food discovery, the remarkable vitamin concentrate combined with other health-giving elements found only in Bannock.

"Thymavite"* provides more essential vitamins, more minerals and more food value—just what dogs need.

*"THYMAVITE" found only in Bannock

5-lb. bag	\$0 50	50-lb. bag	\$3 65
10-lb. bag	90	100-lb. bag	6 75
25-lb. bag	2 00	500 lbs.	31 25

Always in Fine Condition

"I have been using Bannock Dog Food for several years, and my dogs are always in perfect condition, even after weaning large litters. They are not only in excellent condition all the time, but are full of pep and carry magnificent coats. I also get large litters of sturdy puppies, and have never had a bitch miss since I started using Bannock. I am more than glad to recommend such a satisfactory food." (Signed)

ELIZABETH D. WHALEN, Pocono Kennels, Pa., Three Champion Shetland Sheepdogs the pride of Pocono Kennels, Pa.

Spratt's Dog and Puppy Foods

For over eighty years, Spratt's "Meat Fibrine" Biscuit Foods have been termed "Foods of Quality." They lead in nourishing properties, suitability to the constitution of present-day dogs, and in economical value. Their reputation is world-wide.

SPRATT'S FIBO. An appetizing granulated food for shy and dainty feeders. Suitable for change of diet for any dog at any time. Feed dry or soaked with broth. Lb. 20 cts., 2 lbs. 35 cts., 5 lbs. 85 cts., 25 lbs. \$3.50, 50-lb. bag \$6.50.

SPRATT'S OVALS. Handy pocket biscuits suitable for all breeds. Carry a few when on a ramble with your dog. Lb. 18 cts., 2 lbs. 35 cts., 5 lbs. 75 cts., 25 lbs. \$3.35, 50 lbs. \$6.10.

SPRATT'S SPIX. Meat fibrine biscuit, bone size. All dogs like this biscuit. Lb. 18 cts., 2 lbs. 35 cts., 5 lbs. 75 cts., 25 lbs. \$3.35, 50-lb. box \$6.10.

SPRATT'S CHARCOAL OVALS. Aid in the elimination of fetid breath and stomach impurities. Lb. 18 cts., 2 lbs. 35 cts., 5 lbs. 75 cts., 25 lbs. \$3.40, 50-lb. bag \$6.25.

SPRATT'S COD-LIVER OIL OVALS. Aids in the conditioning of dogs; invaluable during the winter months. Lb. 18 cts., 2 lbs. 35 cts., 5 lbs. 75 cts., 25 lbs. \$3.40, 50-lb. bag \$6.25.

SPRATT'S MEAT FIBRINE DOG CAKES. Standard dog cake for large dogs, used by all leading dog breeders. Lb. 18 cts., 2 lbs. 35 cts., 5 lbs. 75 cts., 25 lbs. \$3.35, 50-lb. bag \$6.10.

"Old Trusty" All Terrier Food

A granulated food of even balance and carefully mixed. An ideal food for all breeds, particularly terriers and active dogs. May be fed dry or moistened with milk or soup. 5 lbs. 65 cts., 10 lbs. \$1.15, 25-lb. bag \$2.50, 50-lb. bag \$4.65, 100-lb. bag \$9.

Dog Furnishings

We offer an extensive selection in Collars, Harness, Leashes, Baskets, Brushes, Nail Clippers, Dressing Tools, Name Plates, Toys, Novelties, Blankets, and Sweaters for dogs. Since this merchandise is too diversified to be included in the Catalogue, we invite you to call at the store and inspect it personally.

SPRATT'S ASSORTED BISCUITS. Gives your dog just the variety of crunchy foods needed for the maintenance of stamina and good health. The combination is made up of Spix, Ovals, Charcoal Ovals, and Cod-Liver Oil Ovals. Lb. 18 cts., 2 lbs. 35 cts., 5 lbs. 75 cts., 25 lbs. \$3.40, 50-lb. box \$6.25.

SPRATT'S PEPSINATED MEAL. For puppies or kittens with weak digestion; is extremely assimilative and will make most unpromising youngsters thrive. 12-oz. can 45 cts.

SPRATT'S PUPPILAC. A perfect substitute for the milk of the bitch, for rearing orphan puppies, at weaning-time and for ailing dogs in sickness or convalescence. This is also valuable as a food for cats and kittens. 10-oz. can 75 cts.

SPRATT'S BONE MEAL FOR PUPPIES. A great preventive of early weakness in puppies containing all the elements needed to insure vigorous frame. Prepared for easy mixing with the staple food. 20-oz. tin 30 cts., 3-lb. tin 55 cts.

SPRATT'S CALCIUM PHOSPHATE. For Rickets and Osteoporosis. An admirable adjunct in the feeding of puppies of the large breeds. It may also be given to bitches before whelping. Easily assimilated and has no irritating effect on the stomach. 8-oz. can 40 cts.



KEN-L-MEAL

A quality meat-cereal product containing Government-inspected meat and wholesome selected cereals with essential vitamins added. For dogs of all breeds and ages. 5 lbs. 50 cts., 10 lbs. 90 cts., 25-lb. bag \$1.90, 50-lb. bag \$3.50, 100-lb. bag \$6.50.

Mail and Telephone Orders

We are organized to give mail and telephone orders the same personal attention as orders placed in our store. If it is not convenient to come to the store, we will appreciate your order either by mail or telephone. Orders amounting to \$2 or more (except where priced otherwise) are delivered free. See page 1.

PERFECTION DOG FOODS

TIME-TESTED...

For More Than 30 YEARS

Very little more need be said of these well-known foods—favored by dog and kennel owners everywhere. Certainly a trial will convince you.



MEAT MEAL CEREAL. Ready to feed—For All Dogs—All Ages.

By far the most popular—

5-lb. bag	\$0 45
10-lb. bag	85
25-lb. bag	1 85
50-lb. bag	3 35
100-lb. bag	6 25
500 lbs.	28 75

FREE 32-PAGE DOG BOOK

WHOLE BISCUIT.

5-lb. bag	\$0 60
10-lb. bag	1 00
25-lb. bag	2 25
50-lb. bag	4 25
100-lb. bag	8 00

KIBBLED BISCUIT.

5-lb. bag	\$0 60
10-lb. bag	1 00
25-lb. bag	2 30
50-lb. bag	4 40
100-lb. bag	8 25

MILLER'S DOG FOODS

Battle Creek Health Foods for Dogs

Miller's Dog Foods will furnish you with proper food for your dog under wartime meat restrictions. Miller's Foods contain dehydrated meat meal, cereals, vitamins, and minerals. Several types to choose from, and they all help you keep your dog healthy at small expense.

KIBBLES

5 lbs.	\$0 65
10 lbs.	1 15
25-lb. sack	2 50
50-lb. sack	4 65
100-lb. sack	9 00

RATION

5 lbs.	\$0 50
10 lbs.	90
25-lb. sack	2 00
50-lb. sack	3 65
100-lb. sack	6 75

PUPPY MEAL

5 lbs.	\$0 65
10 lbs.	1 15
25-lb. sack	2 50
50-lb. sack	4 65
100-lb. sack	9 00

BISCUIT

5 lbs.	\$0 65
10 lbs.	1 15
25-lb. sack	2 50
50-lb. sack	4 65
100-lb. sack	9 00

MILLER'S KIBBLES DOG FOOD



HEALTH PLUS ECONOMY

Time Tested for 25 Years

Bresko Dog Foods

Dogs get the meat they need in Bresko—and plenty of it. Bresko is made of meat-scrap and balanced with other ingredients in the right proportion to make a complete ration. Enough to provide an extra-fine and healthful development in bone, coat and teeth. Bresko-fed dogs have pep, life, stamina—they're happy dogs.

BRESKO MEATBONE CRISP. (Kibbled.)

5 lbs. 60 cts., 10 lbs. \$1, 25-lb. bag \$2.25, 100-lb. bag \$8.25.

BRESKO RATION. 5 lbs. 50 cts., 10 lbs. 90 cts., 25-lb. bag \$2, 100-lb. bag \$7.25.

Pard Dehydrated Dog Food

Rich in meat food products and other wholesome ingredients. It is a carefully formulated product from which moisture has been scientifically removed. Contains all of the basic ingredients of Pard, a nutritionally balanced diet, in a dehydrated form. Fed mixed with water. 8-oz. pkg. 10 cts., case (48-pkgs.) \$4.75, f.o.b. store.

For Economy Feed Chappel's Fresh Meat Biskits

KEN-L-BISKIT

INGREDIENTS

Fresh Meat, Wheat Germ, Yeast,
Egg Yolk, Wheat Flour,
Fresh Whole Milk and Bone

Vitamin Fortified

Chappel's Ken-L-Biskit is scientifically prepared from fresh raw meat and carefully selected ingredients. Its nutritional value has been proved in laboratory-controlled feeding tests. Can be fed dry or moistened with water or broth and is suitable for dogs of all breeds and ages.

Small cakes, small kibbles, or medium kibbles, 5 lbs. 60 cts., 10 lbs. \$1, 25-lb. bag \$2.25, 50-lb. bag \$4.40, 100-lb. bag \$8.75.

Gaines Dog Meal

An excellent daily diet for dogs and puppies of all sizes and breeds. Just add water—nothing else—and Gaines offers dogs all the Vitamins A, B₁, B₂ (G), B₆, D, E, Niacin, Pantothenate and other food factors they're known to need. And dogs love it. In fact, actual surveys show that nine out of ten dogs like Gaines right from the very first feeding! Chosen by the U. S. Antarctic Expedition and now fed by the U. S. Army.

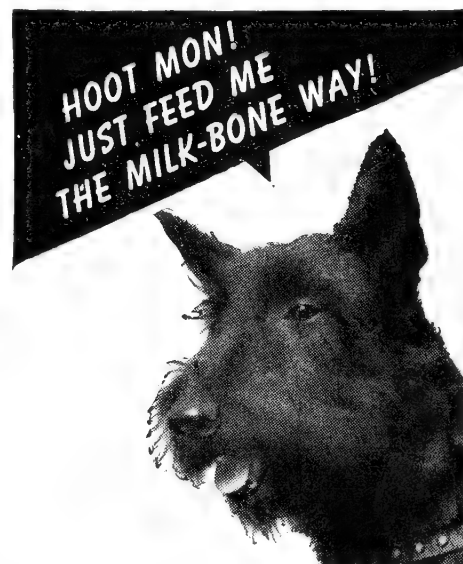


5 lbs.	\$0 50	50 lbs.	\$3 75
10 lbs.	95	100 lbs.	7 25
25 lbs.	2 00	500 lbs.	33 75

Gaines Krunchon

Made of the same ingredients as Gaines Meal, but in pelleted form.

5 lbs.	\$0 60	50 lbs.	\$4 20
10 lbs.	1 05	100 lbs.	8 90
25 lbs.	2 20		



Forget feeding worries... switch your dog to the Milk-Bone diet. Give him crunchy, nourishing Milk-Bone Biscuit for breakfast. For his other meal feed him hearty Milk-Bone Tiny-Bits—just add soup, broth or gravy and bits of meat or vegetables if you wish. Both these dependable, time-tested foods contain 5 vital vitamins...A, B₁, D, E and G plus beef meat meal, fish liver oil, yeast, whole wheat flour, milk and necessary minerals.



Contains Vitamins A, B₁, D, E, and G

Dog Biscuit. For large breeds. 29-oz. carton 35 cts. each, 3 for \$1.

Puppy Biscuit. For full-grown dogs in the medium-size class, also puppies. 26-oz. carton 35 cts. each, 3 for \$1.

Tiny-Bits. An all-purpose food. 10 $\frac{1}{4}$ oz. carton 15 cts. each, 3 for 40 cts.

Spratt's Dog Remedies

Spratt's Medicines are made from the purest ingredients obtainable and are always kept up to the highest level of modern veterinary science. Dosage and directions appear on all packages.

Tablets for Constipation.....	Pkg. \$0 60
Sulfur Tablets. For heated blood, etc.	60
Cough Tablets. Generally effect a quick cure.....	60
Special Tablets. A diuretic and stimulant.....	1 00
Ear Canker Ointment. For both internal and external forms of this disease.....	75
Eye Lotion Tablets. A safe and efficient remedy.....	60
Mange Liquid. 12-oz. bottle.....	75
Purgative Tablets. Perfectly safe and effective.....	60
Tonic Tablets. To build up after sickness.....	60
Cod Liver Oil Capsules. 20 capsules.	60
Worm Capsules for Puppies.....	60
Worm Capsules for Dogs.....	60
Dry Cleaning Powder.....	35
Dog Soap (White). For fleas, lice, etc.....	Cake 25 cts.
Liquid Shampoo. Also recommended for use by humans.....	35
Chalk Block. For dry-cleaning dogs and cats.....	25

Sergeant's DOG MEDICINES

Special Medicine. For reduction of fever in pups and dogs.....	Pkg. \$1 20
Mange Medicine. For treating sarcoptic mange.....	65
Condition Pills. A tonic and alternative for pups and dogs.....	60
Sure-Shot Liquid. For pups and older dogs. For owners who prefer a liquid vermifuge for roundworms.....	60
Expectorant Medicine. For coughs due to colds in pups and dogs....	60
Puppy Capsules. For round- and hookworms in pups and dogs weighing less than 10 pounds....	60
Eye-Wash. For treating eye trouble in pups and dogs.....	60
Sure-Shot Capsules. For large roundworms, and hookworms in pups and dogs weighing over 10 pounds.	60
Tapeworm Medicine. For tapeworms in pups and dogs.....	60
Arsenic and Iron Pills. A tonic used alternately with Sergeant's Condition Pills.....	60
Canker Wash. For treating internal and external ear canker.....	60
Pepsin and Aromatic Tablets. Relieves colic in pups and dogs due to improper food.....	60
Intestinal Astringent. Checks too-frequent bowel action in cases of diarrhea.....	60
Diuretic Pills. Stimulates urinary action. Useful in old dogs.....	60
Vitapets. A food supplement for dogs and puppies. Supplies Vitamins A, B, D, and G. Pkg. (23 capsules)	60

SERGEANT'S DOG MEDICINES, cont.

Laxative Tablets. For treating constipation in pups and dogs.....	Pkg. \$0 60
Nerve Sedative Medicine. For relief of excitement and nervous irritability.....	60
Skip-Flea Soap. A wonderful bath soap. Will kill fleas, lice, and certain other vermin... Cake 25 cts...	
Skip-Flea Powder. For fleas and lice on dogs and cats. 2-oz. pkg.	35
Pine Oil Disinfectant. For general use. 4 ozs. 30 cts., 12 ozs. 65 cts.	
Sergeant's Dog Book Free. Ask for it.	

Q-W Dog Remedies

Condition Powder. A general conditioner.....	Pkg. \$1 00
Cough Mixture. Often gives immediate relief.....	65
Sedative Tablets. For treatment of fits and nervous twitching.....	95
Antiseptic Salve. Helps promote healing of cuts and wounds. 1-oz. jar.	65
Worm Capsules. For large roundworms.....	65
Worm Mixture. Safe and sure. 2 ozs. 65 cts., 4 ozs. \$1.	
Flea Powder. Kills fleas.....	50
Flea Oil and Coat Dressing. 1/2-pt...	65
Sarcoptic Mange Lotion. Dressing for mange and itch.....	75
Dog Soap. Has a pure, clean, pleasant odor.....	Cake 25 cts.
Dog Shampoo. A liquid soap that will actually kill fleas.....	35
Constipation Pills. A quick, safe laxative.....	65
Cod-Liver Oil with Calcium Phosphate. Rich in vitamins A and D. 6-oz. bottle.....	60
10-oz. bottle.....	95
Pine Bar. Removes any unpleasant dog odor.....	35

Dr. Daniel's Medicines for Dogs and Cats

H. B. O. Liquid for hair-balls in cats	Pkg. \$0 65
V. M. Capsules. Vitamins for dogs and cats.....	50
Worm Specials	
Liquid Worm Drops. For cats and toy dogs.....	50
Vermi Kaps. For cats and toy dogs	65
Vermi Kaps. For puppies.....	65
Vermi Kaps. For dogs.....	65
Tape Worm Treatment.....	1 00
Loose Catnip. All leaves and blossoms.....	15
Acobel Wafers. For distemper—colds in cats and puppies.....	50
Condition Tablets. Restorative for dogs.....	65
Dervide Tablets. For fits and convulsions.....	50
Dog and Flea Soap... Cake 25 cts...	
Katonic. A great tonic for cat or kitten.....	50
Laxative Tablets. For dogs or cats.	50
Dermite. For itching skin, eczema and sarcoptic mange.....	1 00

Glover's Imperial Dog Medicines

Imperial Capsules. For round and hookworms. Puppy size, pkg. (8 capsules) 25 cts.; pkg. (24 capsules) 60 cts. Dog size, pkg. (6 capsules) 25 cts.; pkg. (18 capsules) 60 cts.	
Vermifuge for Roundworms. For puppies, dogs, foxes, and cats.....	Pkg. \$0 60
Tapeworm Capsules. For puppies, dogs, foxes, and cats.....	60
Laxative Pills. For sluggish bowels and acute constipation.....	60
Compound Tablets. Act upon the kidneys and intestines.....	60
Nerve Sedative. For fits and convulsions.....	60
Mange Medicine. For sarcoptic mange of dogs.....	75
Expectorant Mixture. For coughs due to colds.....	60
Canker Medicine. For canker of the ear in dogs and cats.....	60
Intestinal Astringent. For non-infectious diarrhea.....	60
Tonic Pills. Tonic and appetizer....	60
Eye Lotion and Powder. For minor injuries and irritations in the eyes..	60
Ointment. For sarcoptic mange and minor skin irritations.....	60
Flea Killer Powder. For dogs and cats.	25
Kennel and Flea Soap. Kills fleas and lice.....	Cake 25 cts.
Medicated Soap. A cleansing bath soap for house dogs. Cake 30 cts...	
Free Dog Book for Distribution	

Graslets for Dogs. Produced largely from tender unjointed cereal grasses combined with fish-meal and dried buttermilk supplemented with added vitamins to make a balanced blend. Should be included in the dog's food ration every day. Helps to keep dogs in good general health. Not a medicine. 28-oz. pkg. \$1, 5-lb. pkg. \$2.	
Fleischmann's Yeast for Dogs. Supplies the needed vitamins D, B ₁ and Riboflavin. Essential for proper appetite and digestion. Promotes the growth of puppies, builds stronger bones, and prevents rickets. Especially needed by puppies and their mothers. Simply add a teaspoonful of Fleischmann's Irradiated Dry Yeast to your dog's daily diet. 4-oz. can 25 cts., 8-oz. bag 50 cts., 1-lb. bag 85 cts., 5-lb. can \$3.50, postpaid.	
Rex Hunters Tasteless Dog Powders. Provide blood-tonic elements and a reconstructive for dogs of all breeds, any age. Pkg. of 8 tablets 25 cts., 40 for \$1.	
Karswood Dog Condition Powders. Suitable for all breeds of dogs at all ages. Keeps dogs in splendid condition. Give a dose once every week. Pkt. of 12 powders, 35 cts.	
Karswood Worm Powders. For puppies and medium- and large-sized dogs. Pkt. of 6 powders, 50 cts.	
Trix Repellent. Repels dogs when females are in season. 1-oz. bottle 75 cts.	



Pulvex. One application of Pulvex—the non-poisonous Flea Powder—will kill every louse, flea or mite on any animal or bird. It will also prevent reinfestation of fleas for many days. Pulvex is safe to use on dogs, cats, or birds, and is guaranteed to satisfy.

1½-oz. pkg. 25 cts., 3½-oz. pkg. 50 cts., 12-oz. pkg. \$1.25, postpaid.

Pulvex Flea Soap. Cleans thoroughly, deodorizes and kills fleas. Cake 25 cts.

Pulvex Dry Cleaner. An odorless, harmless powder that cleans your dog or cat without water. Kills fleas and lice, removes doggy odors. 5-oz. tin 50 cts.

Pulvex Sponge-Away. Kills fleas and lice; controls summer eczema; promotes healing of open sores when caused by scratching. Oz. 25 cts., 3 ozs. 50 cts.

Pulvex Combination Treatment Worm Capsules. The Pulvex package contains capsules to give your dog a complete treatment for round, hook, and tapeworms. For puppies and dogs weighing less than 10 pounds, pkg. (16 capsules) 50 cts., pkg. (32 capsules) 75 cts.; for dogs weighing 10 pounds or over, pkg. (12 capsules) 50 cts., pkg. (24 capsules) 75 cts.

Quadine. Used by thousands of kennels and fanciers as an aid in treatment and grooming of the dog's skin and coat. Controls dandruff, fleas, mange. 2-oz. bottle 75 cts., 4-oz. \$1.25, 12-oz. \$2.50, ½ gal. \$5.90, gal. \$9.50.

Quadine Jr. Atomizer for easy application and 2-oz. bottle of Quadine \$2.

Allen's Liquid Extract of Garlic. Peps up your dog's appetite. No after odor. Dogs love it. 4-oz. bottle \$1, 12-oz. \$2.25, gal. \$15.

Pulvex Pine Oil Disinfectant. For use in the home and kennel. Has a pleasant odor. 8-oz. tin 50 cts., 1-gal. can \$2.75.

Delcreo. An internal medication for use in the treatment of infectious diseases. 4-oz. pkg. \$1.50, 16-oz. pkg. \$5.

Ween. Save valuable puppies with Ween. Original liquid food for orphan puppies, newly weaned, and heavy litters. Easily digested, high nutritive value, high vitamin content. Good conditioner for in-whelp and nursing bitches, and stud dogs. Also valuable for cats and kittens. 1-lb. can 25 cts., doz. \$2.90, case (24 cans) \$5.65 (delivered \$6).

Bee Brand Shampoo. Kills fleas on dogs and cats. 4-oz. pkg. 50 cts.

Show Coat. Cleansing pads treated with a soothing lotion that is refreshing and deodorizing. Jar (14 pads 8 by 9 in.) \$1.20.

Handy Dog Booklets

Feeding the Dog
Laws about Dogs
Whelping of Puppies
House Breaking the Dog
Dog Shows and Rules

The Dog in the Show Ring
Handling the Mating Stud's Care and Management

Each a 16-page booklet. 25 cts. each, 3 for 50 cts.

Hilo Dip. Kills fleas and lice which are often the cause of most skin troubles. 1-oz. bottle 25 cts., 3-oz. bottle 50 cts., 6-oz. bottle 85 cts.

Hilo Ointment. Gives quick relief and hastens the healing of sores. 1-oz. jar 25 cts., 3-oz. jar 50 cts.

Cupid Chaser. Keeps dogs from females during mating season. Bottle \$1.

Dog-Tex. Removes liquid dog and cat stains from carpets. Ends odor instantly. 8-oz. bottle 85 cts.

Chaperone. Keeps dogs off rugs and furniture. Harmless and odorless. Package \$1.

Magitex Bubble Shampoo. Clean pets easily—rub bubbles on—wipe off—that's all! No tub, rinsing, splashing. Removes fleas, lice on contact. Deodorizes, beautifies coat. 4-oz. bottle 60 cts., 8-oz. bottle \$1.

Super-Foamy Bubble Bath. Safe, efficient deodorant cleanser for dogs and cats. Relieves itching. No tub—no water—no splash. 2-oz. bottle 25 cts., 6-oz. bottle 50 cts., 16-oz. bottle \$1.

Wash-A-Pooch Oil Shampoo. Soothing, non-irritant cleanser for dogs. Leaves the hair soft, silky and lustrous. 3-oz. bottle 35 cts., 8-oz. bottle 60 cts., 16-oz. bottle \$1.

B'have (Indoors). Keeps dogs and cats off furniture, rugs, drapes. Will not spot or stain. 3-oz. bottle 50 cts., 8-oz. bottle \$1.

B'have (Outdoors). Keeps dogs and cats away from trees and shrubs. 6-oz. bottle 50 cts., 16-oz. bottle \$1.

Retreat. Removes cat and dog stains and odors from carpets and rugs. 2-oz. bottle 25 cts., 6-oz. bottle 50 cts., 16-oz. bottle \$1.

Brown's Supercedar Kennel Bedding

Made from genuine *Juniperus virginiana*, the red heart of which contains the fragrant oil of cedar. It is scientifically air-dried to retain its full oil-content. The pungent aroma, so pleasing to you and your dog, actually drives fleas and other vermin away. It not only provides a velvety cushion for a dog, but imparts a gloss to his coat, keeps his hair live, clean, and oily, and keeps the kennel pleasant and wholesome. A pillow filled with it makes an ideal bed for cats and other animal pets. 5-lb. bag 55 cts., 25-lb. carton \$1.75.

Fish Foods and Supplies

Burnett's Natural Fish Food. Pkg. 10 cts.
Burnett's Dried Daphnien. Pkg. 10 cts.
Burnett's Shrimp Fish Food. Pkg. 10 cts.
Burnett's Tropical Fish Food. Pkg. 25 cts.
Burnett's Turtle Food. Pkg. 25 cts.
Justrite Natural Fish Food. Can 10 cts.
Justrite Tropical Fish Food. Can 10 cts.
Justrite Imported Pure Shrimp. Can 10c.
Spratt's Wafer Fish Food. Carton 10 cts.
Spratt's Tropical Fish Food. 10 cts. each.
Spratt's Natural Fish Food. Tin 10 cts.
PBF Aquarium Cement. ¼-lb. pkg. 25 cts.
Justrite Aquarium Gravel. 28-oz. pkg. 10 cts.

Cat Foods and Medicines

Spratt's Special Tablets. A diuretic and stimulant. Pkg. \$1.

Spratt's Tonic Tablets. Pkg. 60 cts.

Spratt's Food with Fish and Milk. A complete food for cats. 6½-oz. pkg. 15 cts., 24-oz. pkg. 35 cts.

Milk-Bone Tiny Bits. A food for cats. 10¼-oz. carton 15 cts., 3 for 40 cts.

Catnip Mouse. Makes kittens playful. Pkg. 10 cts.

Bird Foods and Remedies



Spratt's Canary Mixture with Egg-Flake and Fruit. 15-oz. pkg. 25 cts.

Spratt's Cod-Liver Oil Cage-Bird and Nestling Food. For feeding young birds and old birds in the moulting season. A tonic and flesh- and bone-maker. Unequaled as an aid to

feather-growth. 4-oz. pkg. 15 cts.

Spratt's Song Restorer. Strengthens the voice. 3-oz. pkg. 20 cts.

PBF Bird Manna. For health and song. Pkg. 15 cts.

Spratt's Tonic for Birds. 1-oz. bottle 15c.

Justrite Parrot Mixture. Combination of selected seeds, etc. 16-oz. pkg. 25 cts.

PBF Parrot Biscuit. Specially prepared biscuits for parrots. 1-lb. pkg. 45 cts.

Burnett's Pep. Keeps cage-birds in constant song, improves their plumage, and prevents disease. Pkg. 10 cts.

Silver Brand Bird Gravel. 30-oz. pkg. 15c.

Chamberlain's Perfect Bird Food. Canary seed mixture with vegetable and egg flakes. 11-oz. can 25 cts., 55-oz. can \$1.

Burnett's Bird Nesting. Pkg. 10 cts.

Burnett's Canary Louse Powder. 1-oz. pkg. 25 cts.

Burnett's Unexcelled Bird Food. A song restorer. 3½-oz. pkg. 25 cts.

Burnett's Bird-Wash. For use on canary birds and parrots. 3-oz. pkg. 25 cts.

Burnett's Bird Tonic. For loss of song, weakness, or moulting, asthma or hard breathing and colds. 3-oz. pkg. 25 cts.

Recleaned Spanish Canary Seed, in bulk. Keeps canaries in full song. Lb. 45 cts., 5 lbs. \$2, 10 lbs. \$3.50.

Bird Rape Seed, in bulk. Lb. 25 cts., 2 lbs. for 45 cts., 10 lbs. \$2.

Scott's Canary Seed Mixture, in bulk. Best recleaned Canary and Japanese Rape Seed. Lb. 30 cts., 2 lbs. for 55 cts.

Scott's Wild Bird Seed Mixture

A well-balanced, all-year-round ration prepared especially for wild birds. Contains peanut hearts, sunflower and many other kinds of seed. Birds love it. 5-lbs. 75 cts., 10 lbs. \$1.35, 25 lbs. \$3, 50 lbs. \$5.85, 100 lbs. \$11.25.

BIRDS OF PENNSYLVANIA By George M. Sutton

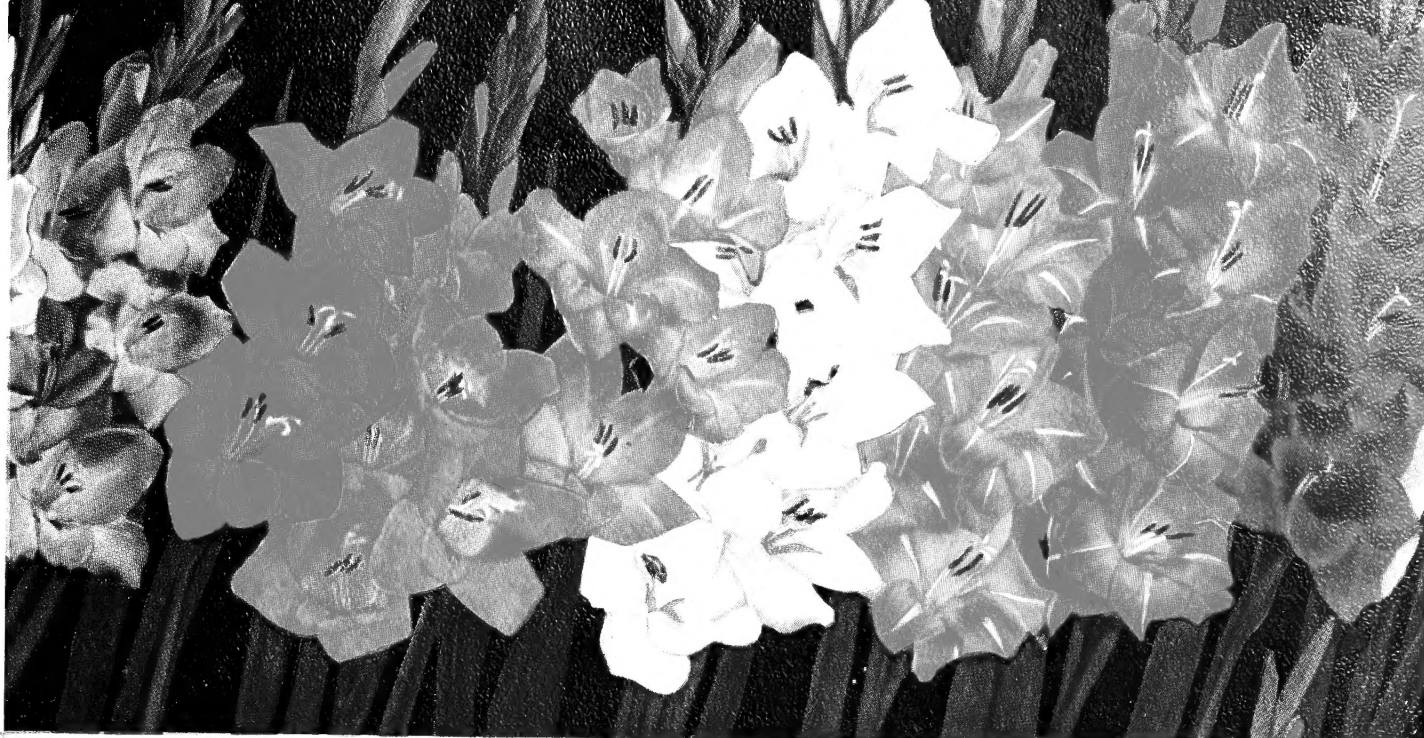
Written for the beginner who is anxious to know the birds we all see daily. 169 pages, 175 drawings. \$1.

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"GLADS"

An essential summer cut-flower for every garden, and one of the easiest to grow, is the Gladiolus. If you would have a succession of bloom, plant your bulbs at intervals of two weeks. To eliminate staking, plant the bulbs in groups, setting them 5 to 6 inches deep in well-drained soil in full sun. Gladiolus are easily grown and require little care.

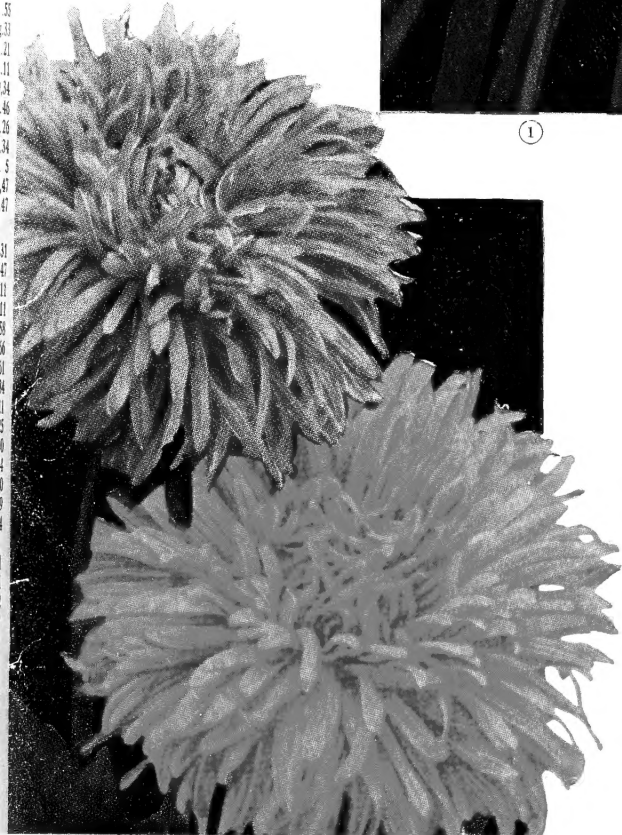


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COLLECTION OF GLADIOLUS

- | | |
|------------------------------|------------------------------------|
| 1. Marmora. Lavender-gray. | 5. Star of Bethlehem. Cream-white. |
| 2. Odin. Salmon. | 6. Dream o'Beauty. Rose-red. |
| 3. Gate of Heaven. Yellow. | 7. Pride of Wanakah. Dark rose. |
| 4. Giant Nymph. Salmon-rose. | 8. Anna Eberius. Plum purple. |

24 Bulbs, 3 each of 8 varieties, \$1.35. 48 bulbs, 6 each of 8 varieties, \$2.50
96 Bulbs, 12 each of 8 varieties, \$4.50



ASTER, Giants of California, Mixed Colors.
Pkt. 25 cts.

Cut-flower Collection

From the list of annual flowers we have selected five of the best for this Cut-flower Collection. They will produce a glorious variety of brightly colored blooms that are easily arranged for indoor decoration. They will make an attractive addition to the Victory Garden or will do well in any sunny location.

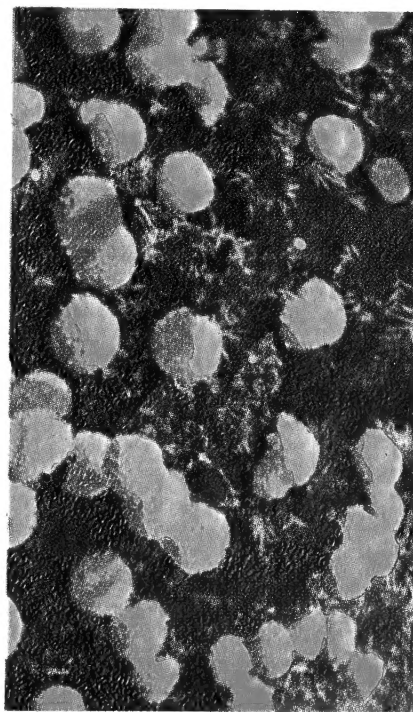
ONE PACKET OF EACH \$1.00
FIVE PACKETS OF SEED for



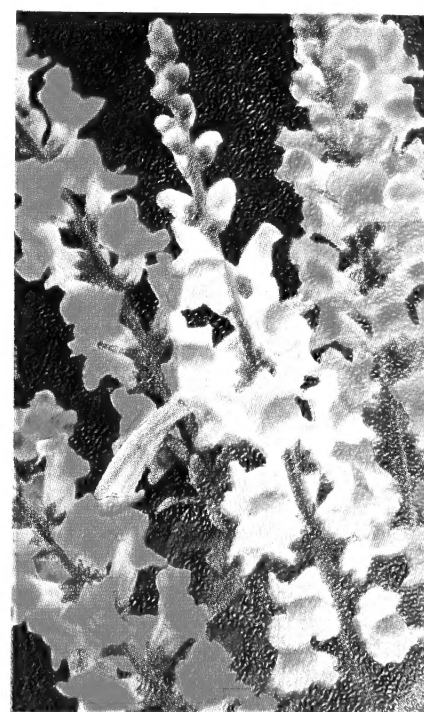
ZINNIA, Pompon, Mixed Colors.
Pkt. 10 cts.



LARKSPUR, Giant Imperial,
Mixed Colors. Pkt. 5 cts.



MARIGOLD, Chrysanthemum-flowered, Dixie Sunshine. Golden yellow. Pkt. 25 cts.



SNAPDRAGON, Tall Giant-flowered, Mixed Colors. Pkt. 25 cts.



SCOTT'S *Purity* LAWN GRASS SEED

You, Too, Can Have a Beautiful Lawn

THIS mixture, of which we are so proud, didn't just happen but is the result of over a quarter of a century of testing and improving. We don't claim it is perfect—nothing is—but we do honestly believe that it is the best Lawn Grass Mixture that can be sold at the moderate price we ask for Scott's Purity.

The seeds in this mixture are the highest grade of re-cleaned seeds procurable and tested for quick germination and freedom from weeds and unwanted grasses.

Scott's Purity makes a lustrous, springy turf of an even tone of rich green with long roots that will keep the lawn in place during winter.

Sow at the rate of 1 pound to each 250 square feet or 150 pounds per acre. A measured bushel will weigh about 27 pounds.

1/2 lb.	\$0 35	10 lbs.	\$5 25
1 lb.	60	25 lbs.	12 25
2 lbs.	1 15	50 lbs.	23 50
5 lbs.	2 75	100 lbs.	45 00



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10-lb. bag	\$0 80	100-lb. bag	\$4 00
25-lb. bag	1 50	500 lbs.	18 00
50-lb. bag	2 50		

"LAWNS—HOW TO MAKE AND MAINTAIN THEM"

A carefully prepared leaflet FREE to those who ask for it